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USAFETAC/DS-89/212

SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

MCCHORD AFB, WASHINGTON

DTIC
ELECTE
DEC 0 6 1989
D

PREPARED BY

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

JULY 1989

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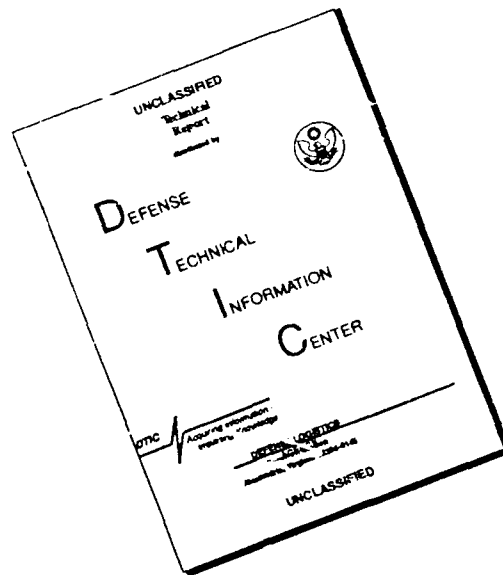
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DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF S
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RUSSWOS AND LISOCS WILL CONTINUE IN USE, BUT WILL EVENTUALLY

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CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AN
USAF, CIVILIAN, AND FOREIGN OBSERVING STATIONS. HOURLY OBSE
A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INF
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BER: USAFETAC/DS-89/212

OPERATING LOCATION A, USAFETAC

LLT, NC 28801-2723

IC SUMMARIES (SOCS) FOR MCCHORD AFB, WASHINGTON

1988

15. PAGE COUNT: 375

1 JULY 1985, THIS PRODUCT REPLACED THE USAFETAC
UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS
ATIONS CLIMATIC SUMMARY (LISOCS). EXISTING
____ WILL EVENTUALLY BE REPLACED BY A SOCS.

2

OROLOGICAL DATA, ATMOSPHERIC PHENOMENA,
TH, HUMIDITY, PRESSURE, PRECIPITATION,
C, XMCCHORD AFB, WASHINGTON.

MATIC SUMMARIES (SOCS) PROVIDE STATISTICAL
OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED
TATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM
ARY OF DAY" (SOD) INFORMATION IS SUMMARIZED
MATIC DATABASE.   Keywords;

ACT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION

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ANN B. GIBBS, JR

697-8358   22C. OFFICE SYMBOL: OL-A/CA, USAFETAC

I   B

TIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS)
...ED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED
...M SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE
...VATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CON-
...TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

...PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT
...TRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE
...NAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED
...49. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT
...LY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARY" OR "SOCS" IN
1988.

...OCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION
...ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COM-
...TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MIL-
..., CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA
...HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SUR-
...WEATHER OBSERVATION DATABASE.

...UGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES
...(A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES.
...DING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION
...E DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

CONTENTS

A   v   D

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JUN 73 - MAY 88 (AIRWAYS)

SUMMARY OF DAY DATA: AUG 40 - MAY 88 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES.   THESE SUMMARIES ARE COMPILED FROM "HOURLY
OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA
SUMMARIZED.   THE TWO SOURCES ARE DEFINED IN "TERMS

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION D
TRIBUTIONS OF TWO RELATED VARIABLES.   AN EXAMPLE
TRIBUTION OF CEILING AND VISIBILITIES IN PART D.
ITEM OF A BIVARIATE DISTRIBUTION IS A FREQUENCY D
JENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTION

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL
FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL
SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL
ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS
(OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUM

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL A
TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASC
NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY
VALUES.

PERCENT OCCURRENCE FREQUENCY (POF):   IN STATISTICS,
BER OF TIMES A GIVEN COUNT OR EVENT OCCURS.   IN T
AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE
OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBL
SAMPLE (PERIOD SUMMARIZED).   FOR EXAMPLE, IF SNO
WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENC
OVER THE 100-DAY PERIOD.   MAY BE USED INTERCHANGE
OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DAT

ICTION

- MAY 38 (AIRWAYS)

- MAY 38 (FULL TIME).

THROUGH 2300 LST.

COMPILED FROM "HOURLY OBSERVATIONS" AND/
DING ON THE PHENOMENA OR OCCURRENCE BEING
BE DEFINED IN "TERMS EXPLAINED."

ARIATE DISTRIBUTION GIVES THE JOINT DIS-
ARIABLES. AN EXAMPLE IS THE BIVARIATE DIS-
SIBILITIES IN PART D. EACH ROW AND EACH COL-
TION IS A FREQUENCY DISTRIBUTION. JOINT FRE-
N-COLUMN INTERSECTIONS.

RD OR RECORD-SPECIAL OBSERVATIONS ON AWS
I AT SCHEDULED HOURLY INTERVALS.

TA COMPILED FROM ALL AVAILABLE OBSERVATIONAL
OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND
N RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A
ON DAY.

IS DIVIDED BY THE NUMBER OF VALUES.

TATION OR SNOWFALL AMOUNT GREATER THAN A

THE VALUES ARE IN ASCENDING ORDER. IF THE
HE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE

PDF): IN STATISTICS, FREQUENCY IS THE NUM-
OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED
REQUENCY (PDF), WHERE THE FREQUENCY (NUMBER OF
PERCENT OF ALL POSSIBLE OCCURRENCES IN THE
FOR EXAMPLE, IF SNOW FELL IN 5 OUT OF 100 DAYS
NT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT
AY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY

THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

1

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRE
EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE
QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. TH
DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SDCS ARE EXPRESS
(LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGH
IN SUMMARIES THAT SHOW DIURNAL VARIATIONS. THE DA
FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED*

AMT	AMOUNT	LI
ANN	ANNUAL	M
BARO	BAROMETER	MO
C	CENTIGRADE (CELSIUS)	MPS
DEG	DEGREE	MSL
DB	DRY BULB TEMPERATURE	MEAS
DP	DEW POINT TEMPERATURE	MIL
EQ	EQUAL	PKS
F	FAHRENHEIT	DEST
FRZG	FREEZING	PDF
FT	FEET	PRECI
GE	GREATER THAN OR EQUAL TO	SD
GMT	GREENWICH MEAN TIME	STD
GT	GREATER THAN	TEMP
HG	INCHES OF MERCURY	TSTM
HT	HEIGHT	VSBY
KTS	KNOTS	VSN
LE	LESS THAN OR EQUAL TO	WB
LST	LOCAL STANDARD TIME	MEAN
		UTC

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA F

* UTC REPLACED GMT ON 1 AUGUST 1993

A   2

UPS BOTH LIQUID PRECIPITATION AND WATER

F DISPERSION ON THE VARIABILITY OF THE
ARITHMETIC MEAN. THE LARGER THE STANDARD
REABILITY.

THE SODS ARE EXPRESSED IN LOCAL STANDARD TIME
JUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS.
L VARIATIONS, THE DATA IS SUMMARIZED USING THE
IODS (ALL LST):

          1200-1400
          1500-1700
          1800-2000
          2100-2300

          LT   LESS THAN
          M   METER
          MB   MILLIBAR
          MPS   METERS PER SECOND
          MSL   MEAN SEA LEVEL
          MEAS   MEASURABLE
          NO.   NUMBER
          OBS   OBSERVATION
          OBST   OBSTRUCTION
          POF   PERCENT OCCURRENCE FREQUENCY
          PRECIP   PRECIPITATION
          SD   STANDARD DEVIATION
          SOD   SUMMARY OF DAY
          TEMP   TEMPERATURE
          TSTM   THUNDERSTORM
          VSBY   VISIBILITY
          VSN   VISION
          WB   WET BULB TEMPERATURE
          URAN   AWS FORM 10/10A
          UTC   *COORDINATED UNIVERSAL TIME

IPTION OF THE DATA PRECEDES EACH PART IN THE SODS.

4

STATION LOCATION AND INSTRUMENTATION

N	GEOGRAPHICAL LOCATION & NAME				T	A	T	L			LATI
					S		F		T		
1	N C	C / T	. WA		A	J	48	N	48	N 47
2	N C	AF , WA			AFB	D	49	A	53	S
3	S				S	M	53	F	54	S
4	S				S	M	54	F	55	S
5	S				S	M	55	F	52	S
6	S				S	M	52	S	53	S
7	S				S	D	53	N	54	S
8	S				S	D	64	J	72	S
9	S				S	A	72	J	82	S
10	S				S	A	82	J	88	N 47

N	D	SURFACE WIND EQUIPMENT INFORMATION			
	C	LOCATION		TYPE OF TRANSMITTER	TYPE RECORD
1	J	48	U	U	U
2	D	49	B D	S	ML-144
3	M	53	A	S	S
4	M	54	A 200'	S	S
5	M	55	A	S	S
6	M	57	700' , 1000'S 34	AN/GMD-11	RD-2
7	D	63	1. 500' , 1775' S	S	S
			16		
			2. 500' , 1100' N	S	
			34		
8	J	72	1. S	GMD-20	RD-362
			2. S	S	
9	J	88	162: S	S	S

AND INSTRUMENTATION HISTORY

			LATITUDE	LONGITUDE	E A MSL FLD (FT)	BARO (FT)	OBS PER DAY	
40	N	49	N 47 03	E 122 29	283	286	24	
49	A	53	S	S	286	289	24	
53	F	54	S	S	320	330	24	
54	F	55	S	S	322	332	24	
55	F	52	S	S	320	350	24	
52	S	53	S	S	322	S	24	
53	N	54	S	S	S	379	24	
54	J	72	S	S	S	238	24	
72	J	82	S	S	S	S	24	
82	J	88	N 47 03	S	323	293	24	

MATION

TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
	U	U	
	ML-144	118	
	S	120	
	S	100	
	S	45	
N/GMO-11	RO-2	13	
	S	S	
		S	
MI-22	RO-362	13	
		S	
	S	S	

6

```
PPPPPPPP          AAAAAA          RRRRRRRR        TTTTTTTTTT
PPPPPPPPP        AAAAAAAA         RRRRRRRRR       TTTTTTTTTT
PP      PP      AA      AA        RR      RR          TT
PP      PP      AA      AA        RR      RR          TT
PPPPPPPPP       AA      AA        RRRRRRRRR           TT
PPPPPPPP        AAAAAAAAAA        RRRRRRR             TT
PP              AAAAAAAAAA        RR    RR            TT
PP              AA      AA        RR    RR            TT
PP              AA      AA        RR      RR          TT
PP              AA      AA        RR      RR          TT
```

A - 1 - 1

A

```
R          TTTTTTTTTT              AAAAAA
RR         TTTTTTTTTT             AAAAAAAA
 RR            TT                AA      AA
 RR            TT                AA      AA
RR             TT                AA      AA
R              TT                AAAAAAAAAA
R              TT                AAAAAAAAAA
RR             TT                AA      AA
RR             TT                AA      AA
  RR           TT                AA      AA
```

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATE

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GR

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZ

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GR
PELLETS. IN JANUARY 1969, SNOW PELLETS BECAME KNOWN AS S

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING P
MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN T
THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY E
IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DR

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY
SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL O
TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRU
REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENT
CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF)
SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY.
FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONT

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

:T A

IOMENA SUMMARIES

IERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

IENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

ILE FALLING TO THE GROUND BUT NOT FREEZING.

IAIN OR FREEZING DRIZZLE (GLAZE).

PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE
ILETS BECAME KNOWN AS SMALL HAIL.

ISERVATIONS REPORTING PRECIPITATION. BECAUSE
I MAY BE INCLUDED IN THE SAME OBSERVATION,
VIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES

IE FOG, AND GROUND FOG.

I COMBINATIONS OF THE TWO.

NG SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

IING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

INS TO VISION" CATEGORY ACCOUNTS FOR BLOWING

CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS
I MORE THAN ONE OBSTRUCTION TO VISION MAY BE
THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL
JES IN THIS CATEGORY.

IE FREQUENCY.
IRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA
IRLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS

PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

IURS COMBINED).

IRS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FOR
DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.
THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF TH
THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FO

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE
THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS A
DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEA

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR
RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LOGGING ONLY
PHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIO
JANUARY 1953, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT A
STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA T
CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAM
ERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS
THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY
THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER
SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT
VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR
AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

E FREQUENCY (PDF).
A THAT IS PRODUCED FROM SUMMARY OF DAY
ND ANNUALLY FOR ALL YEARS COMBINED.

UENCY.
ENCE FREQUENCY OF THUNDERSTORMS REPORTED ON
MMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

PERCENT OCCURRENCE FREQUENCY.
TH FOR ALL HOURS AND YEARS COMBINED. WIND
ED BY THE LOCAL WEATHER STATION.

GED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS
ANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOS-
ILITY. METAR STATIONS STARTED THIS PROCEDURE IN
ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR
SPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT
EST ORDER. FOR EXAMPLE, IF THE RECORDED OBS-
E, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF
BASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION.
N (AND TO A LESSER EXTENT, PRECIPITATION)
ATIONS ARE HIGHLY QUESTIONABLE.

ONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO
0 METERS.

Y REPRESENTS ONE OR MORE OCCURRENCES THAT, IN
PERCENT.

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO
00-02		21.6		1.8		23.4	39.5	7.1	
03-05		21.6		1.9		23.5	40.6	5.3	
06-08		22.1		2.0		24.1	33.?	3.2	
09-11		18.5	.1	2.4		21.0	37.0	3.4	
12-14		17.8		2.2		20.0	25.1	3.1	
15-17		18.8		1.3		21.1	20.4	1.9	
18-20		21.2		2.0		23.2	26.1	4.8	
21-23	.1	18.6		1.7		20.3	34.5	5.7	
ALL HOURS	.0	20.1	.0	1.9		22.1	32.9	4.8	
00-02		22.6		1.5		24.1	31.3	4.7	
03-05		23.1	.1	2.2		25.4	30.9	3.4	
06-08		25.0	.2	3.4		28.6	31.4	1.5	
09-11		22.7		2.7		25.4	29.9	4.4	
12-14		22.3		1.8	.1	24.1	14.3	3.2	
15-17	.1	24.7		1.5		26.3	10.5	2.1	
18-20	.4	23.7		2.1		25.8	12.8	1.5	
21-23		23.2		2.0		25.2	23.2	5.4	
ALL HOURS	.1	23.4	.0	2.2	.0	25.6	23.0	3.3	

A

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: JAN

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL DUST TO VSN	TOTAL NO. OF OBS
30.5	7.1			70.0	930
40.6	5.3			69.5	930
33.2	3.2			66.5	930
37.5	3.4			62.0	930
25.1	3.1			48.2	930
20.4	1.3			45.5	930
25.1	4.8			54.2	930
34.5	5.7	.1		61.6	930
32.9	4.3	.0		59.8	7440

                    MONTH: FEB

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL DUST TO VSN	TOTAL NO. OF OBS
31.3	4.7			60.2	849
30.9	3.4		.1	59.8	849
31.4	1.5		.1	51.7	849
29.9	4.4			59.7	849
14.3	3.2			41.6	849
10.5	2.1			38.9	849
12.8	1.5			40.2	849
23.2	5.4			53.8	849
23.0	3.3		.0	52.0	6792

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PER
                          LST TO UTC: + 8   MON

HOURS (LST)	TOTAL	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE R/DP HAZ	BLO S
00-02		18.4				18.4	15.7	2.0	
03-05		21.5		.4		22.0	23.1	2.7	
06-08		20.1		.3		21.2	24.2	1.3	
09-11		18.2		.3		18.5	15.8	1.3	
12-14	.1	13.2		.2	.1	13.6	5.5	.3	
15-17	.2	17.1		.2		13.4	4.5		
18-20	.2	13.6		.2	.1	13.9	5.3		
21-23		15.5				13.5	5.3	1.0	
ALL HOURS	.1	13.3		.2	.0	13.6	12.5	1.2	

00-02	.3	14.1				14.1	5.1	1.0	
03-05		17.9				17.9	11.4	1.0	
06-08		14.3				14.3	13.4	1.1	
09-11		15.1				15.1	4.0	.3	
12-14	.1	14.9		.2		15.1	1.7	.3	
15-17		14.8				14.8	1.3	.1	
18-20	.1	15.3		.1	.1	16.6	1.6	.3	
21-23	.3	15.8				15.8	2.3	.4	
ALL HOURS	.1	15.5		.0	.0	15.5	5.1	.6	

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STATION   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: MAR

FOG	SMOKE S/OR HAZE	BLOWING SNOW	DUST S/OR SAND STMS	ALL OBST TO VSN	TOTAL NO. OF OBS
13.7	2.0			36.1	930
23.1	2.7			47.3	930
...	1.9			47.3	930
12.3	1.9			36.2	930
5.5	.3			25.4	930
4.5				24.0	930
5.3				24.2	930
7.2	1.0			25.4	930
12.5	1.2			33.3	7440

                   MONTH: APR

FOG	SMOKE S/OR HAZE	BLOWING SNOW	DUST S/OR SAND STMS	ALL OBST TO VSN	TOTAL NO. OF OBS
5.1	1.0			20.2	900
11.4	1.0			30.3	900
13.4	1.1			29.3	900
4.0	.3			19.4	900
1.7	.3			17.1	900
1.3	.1			16.2	900
1.6	.3			18.4	900
2.3	.4			18.6	900
5.1	.5			21.2	7200

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A - 2 - 2

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF HOURS WITH VARI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 MO

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO S
00-02		10.5				10.5	1.5		
03-05		12.2				12.2	5.1	.1	
06-08		13.2				13.2	5.7		
09-11		11.5				11.5	3.9	.1	
12-14		13.1				13.1	2.3		
15-17	.2	14.3			.1	14.4	2.0		
18-20	.2	13.8				13.8	1.7	.1	
21-23	.2	10.3				10.3	.9		
ALL HOURS	.1	12.4			.0	12.4	3.1	.0	

00-02		9.4				9.4	3.3	.3	
03-05		9.1				9.1	4.3	.2	
06-08	.2	10.9				10.9	5.7	.6	
09-11		9.6				9.6	4.1	.6	
12-14	.1	9.7				9.7	2.7	.3	
15-17	.3	10.0				10.0	1.9		
18-20	.1	7.4				7.4	1.8	.2	
21-23		6.9				6.9	2.7	.3	
ALL HOURS	.1	9.1				9.1	3.5	.3	

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Y OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
HOURLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                  MONTH: MAY

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSBY	TOTAL NO. OF OBS
1.6				12.2	930
5.1	.1			17.3	930
5.7				19.0	930
3.9	.1			15.5	930
2.8			.2	16.1	930
2.0			.2	16.7	928
1.7	.1		.2	15.9	927
.9				11.7	927
3.1	.0		.1	15.5	7432

MONTH: JUN

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSBY	TOTAL NO. OF OBS
3.3	.3			13.1	900
4.0	.2			14.2	900
5.7	.6			18.1	900
4.1	.5			14.2	900
2.7	.3			12.7	900
1.7			.2	12.1	900
1.8	.2		.3	9.8	900
2.7	.3			9.9	900
3.5	.3		.1	13.0	7200

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

HOURS (LST)	ISTNG	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO S
00-02	.1	4.0				4.0	1.7	.2	
03-05	.1	5.9				5.9	6.3	.3	
06-08	.2	5.3				5.3	11.4	.5	
09-11	.2	7.3				7.3	5.1	.9	
12-14	.5	4.3				4.3	1.1	.6	
15-17	.4	3.8				3.8	.8		
18-20	.3	4.3				4.3	.6	.4	
21-23	.2	3.9				3.9	.4	.3	
ALL HOURS	.3	5.0				5.0	3.6	.4	

HOURS (LST)	ISTNG	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO S
00-02		3.4				3.4	4.0	.5	
03-05	.2	4.0				4.0	5.7	.3	
06-08	.2	6.3				6.3	17.2	1.3	
09-11	.2	4.4				4.4	10.2	2.0	
12-14	.2	4.8				4.8	2.5	.9	
15-17	.2	4.6				4.6	1.3	.2	
18-20	.5	4.7				4.7	1.2	.4	
21-23		2.9				2.9	2.3	.3	
ALL HOURS	.2	4.4				4.4	6.0	.8	

ASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                   MONTH: JUL

IP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
	1.7	.2			5.9	930
	6.3	.3			12.6	930
	11.4	.5			18.7	930
	5.1	.9			14.3	930
	1.1	.6			6.0	930
	.8				4.5	930
	.6	.4			5.4	930
	.4	.3			4.6	930
	3.6	.4			9.0	7440

                   MONTH: AUG

IP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
	4.0	.6			8.1	930
	6.7	.8		.1	13.8	930
	17.2	1.3		.1	24.9	930
	10.2	2.0			16.7	930
	2.5	.9			8.2	930
	1.8	.2			6.7	930
	1.2	.4			6.3	930
	2.3	.3			5.5	930
	6.0	.8		.0	11.3	7440

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
LST TO UTC: + 8   MO

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO S
00-02		11.2				11.2	12.2	1.4	
03-05	.1	11.8				11.8	13.7	.8	
06-08		11.9				11.9	23.6	1.6	
09-11	.1	10.6				10.6	14.9	2.7	
12-14	.5	10.7				10.7	5.8	1.7	
15-17	.2	11.7				11.7	4.2	2.3	
18-20	.2	9.0				9.0	4.3	2.2	
21-23	.1	8.4				8.4	6.4	1.2	
ALL HOURS	.3	10.7				10.7	12.0	1.7	

00-02		10.5		.1		10.6	37.7	3.0	
03-05		14.4		.3		14.7	43.0	2.6	
06-08		15.4		.1		15.5	44.3	1.0	
09-11		11.5				11.5	34.2	3.7	
12-14	.2	11.7				11.7	15.3	5.3	
15-17	.1	12.9				12.9	8.7	4.2	
18-20		11.2				11.2	13.0	4.5	
21-23		10.4				10.4	27.4	3.8	
ALL HOURS	.0	12.3		.1		12.3	28.1	3.5	

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...SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: SEP

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
12.2	1.4			24.9	900
13.7	.8			31.2	900
23.6	1.6			43.0	900
14.9	2.7			28.1	900
5.8	1.7			18.1	900
4.2	2.3			18.2	900
4.3	2.2			15.5	900
5.4	1.2			16.1	900
12.0	1.7			24.4	7200

MONTH: OCT

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
37.7	3.0			51.4	930
43.0	2.6			60.3	930
44.7	1.0			61.4	930
34.2	3.7			49.4	930
15.7	5.3			32.9	930
8.7	4.2			25.8	930
13.0	4.5			28.7	930
27.4	3.8			41.6	930
28.1	3.5			43.9	7440

STATION NUMBER: 742 60   STATION NAME: MCCHORD AFB WASHINGTON   PERI

LST TO UTC: + 8   MONT

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWI SNO
00-02		21.7		1.2		23.1	36.8	5.5	
03-05		23.7		1.7		25.3	36.7	4.9	
06-08		22.5	.1	1.6		24.2	34.0	3.2	
09-11	.1	19.1		1.5		20.7	27.0	2.3	.
12-14	.4	23.1		1.1		24.2	16.3	3.3	.
15-17	.1	23.7		.7		24.3	15.6	4.1	.
18-20	.1	23.3		.8		24.1	21.3	5.8	
21-23	.1	21.7		1.0		22.7	30.3	5.1	.
ALL HOURS	.1	22.4	.0	1.2		23.6	27.3	4.5	.

MONT

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWI SNO
00-02		21.0	.4	1.4		22.8	39.1	9.9	
03-05	.1	23.7	.4	3.0		27.1	39.5	3.3	
06-08		20.9	.3	2.6		23.8	35.6	4.8	
09-11		22.0		1.7		23.8	33.8	4.3	
12-14		22.0	.1	.9		23.0	24.5	2.7	
15-17		22.3		.5		22.8	21.0	4.2	
18-20		21.8		.8		22.6	27.6	4.8	
21-23	.1	21.8	.1	1.4		23.3	34.5	8.0	
ALL HOURS	.0	21.9	.2	1.5		23.6	32.0	5.9	

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WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88

MONTH: NOV

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
35.8	5.6			65.4	900
35.7	4.9			65.9	900
34.0	3.2	.2		61.7	900
27.0	2.3	.3		50.3	900
16.3	3.3	.3		44.2	900
15.6	4.1	.2		44.2	900
21.3	5.8			51.2	900
30.3	5.1	.1		59.2	900
27.3	4.5	.2		55.5	7200

MONTH: DEC

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
39.1	9.9			71.8	930
39.5	8.3			74.9	930
35.6	4.8			64.2	930
33.8	4.3			61.8	930
24.5	2.7			50.2	930
21.0	4.2			48.0	930
27.6	4.3			55.1	930
34.5	8.0			65.8	930
32.0	5.9			61.5	7440

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 HC

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLC S
JAN	.0	20.1	.0	1.9		22.1	32.9	4.3	
FEB	.1	23.4	.0	2.2	.0	25.6	23.0	3.3	
MAR	.1	19.3		.2	.0	19.6	12.5	1.2	
APR	.1	15.5		.0	.0	15.5	5.1	.6	
MAY	.1	12.4			.0	12.4	3.1	.0	
JUN	.1	9.1				9.1	3.5	.3	
JUL	.3	5.0				5.0	3.6	.4	
AUG	.2	4.4				4.4	5.0	.3	
SEP	.3	10.7				10.7	12.0	1.7	
OCT	.0	12.3		.1		12.3	23.1	3.5	
NOV	.1	22.4	.0	1.2		23.6	27.3	4.5	
DEC	.0	21.9	.2	1.5		23.6	32.0	5.3	
ANNUAL	.1	14.7	.0	.6	.0	15.3	15.7	2.3	

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Y OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                        HOURS: ALL

IP	FOG SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
32.9	4.8	.0		59.8	7440
23.0	3.3		.0	52.0	6792
12.5	1.2			33.3	7440
5.1	.6			21.2	7200
3.1	.0		.1	15.5	7432
3.5	.3		.1	13.0	7200
3.6	.4			9.0	7440
6.0	.3		.0	11.3	7440
12.0	1.7			24.4	7200
23.1	3.5			43.9	7440
27.3	4.5	.2		55.5	7200
32.0	5.9			51.5	7440
15.7	2.3	.0	.0	33.3	87664

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: +08

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG
JAN	.8	66.4	1.3	20.5	.5	73.8	61.2
FEB	1.0	66.3	.8	11.4	1.2	69.2	57.5
MAR	1.4	66.2	.2	11.2	3.4	67.3	42.5
APR	2.6	59.2		4.0	3.3	59.4	32.3
MAY	2.2	51.3		1.0	2.2	51.3	22.7
JUN	2.3	45.1			.5	45.1	21.5
JUL	2.3	27.8				27.8	21.7
AUG	3.4	31.3			.2	31.3	35.3
SEP	2.7	42.3			.4	42.3	55.2
OCT	1.3	53.8		.5	.5	53.8	65.4
NOV	1.1	53.4	.3	4.1	1.2	70.5	64.4
DEC	.7	71.5	1.1	15.3	.4	75.5	64.5
ANNUAL	1.9	54.2	.3	5.7	1.2	55.7	45.4

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DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4901-8805
                                MONTH: ALL   HOURS: ALL

ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF DAYS
73.3	51.2	33.0	.5		93.1	1240
65.2	57.5	43.3	.2		91.2	1129
57.3	42.5	23.3	.2		85.3	1240
53.4	32.3	21.4			76.4	1200
51.3	22.7	17.7			66.2	1240
45.1	21.5	17.4			53.3	1170
27.3	21.7	17.2			46.9	1209
31.3	35.3	32.3			60.5	1209
42.3	55.3	43.2			80.1	1170
53.8	65.4	43.5			91.6	1209
70.5	64.4	41.4	.3		94.3	1170
75.5	54.5	35.3	.1		94.7	1209
55.7	45.4	32.0	.1		79.3	14205

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
00-02				.3			.1	
03-05							.1	.2
06-08						.2	.2	.2
09-11							.2	.2
12-14			.1	.1		.1	.5	.2
15-17		.1	.2		.2	.3	.4	.2
18-20		.4	.2	.1	.2	.1	.3	.5
21-23	.1			.3	.2		.2	
ALL HOURS	.1	.1	.1	.1	.1	.1	.3	.2
TOTAL OBS	7440	5792	7440	7200	7432	7200	7440	7440

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FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 58

	JUL	AUG	SEP	OCT	NOV	DEC	
	.1						
	.1	.2	.1			.1	
.2	.2	.2					
	.2	.2	.1		.1		
.1	.5	.2	.5	.2	.4		
.3	.4	.2	.0	.1	.1		
.1	.3	.5	.2		.1		
	.2		.1			.1	
1	.3	.2	.3	.0	.1	.0	
0	7440	7440	7200	7440	7200	7440	

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 280
TSTMS					100.0
LIQUID PRECIP	31.6		6.5	38.3	23.0
FREEZING PRECIP	100.0				
FROZEN PRECIP	47.6		17.9	26.2	7.6
FOG	65.3		6.5	18.4	7.7
FOG WITH VIS GE 1/2 MILES	64.1		7.2	19.9	8.2
TOTAL OBS	3454	0	709	2033	1202

TSTMS					75.0
LIQUID PRECIP	20.4		4.5	39.5	33.8
FREEZING PRECIP			33.3	30.3	23.3
FROZEN PRECIP	23.0		31.8	30.4	14.9
FOG	61.5		7.1	20.1	10.6
FOG WITH VIS GE 1/2 MILES	53.5		7.3	19.3	11.3
TOTAL OBS	2212	0	815	2124	1580

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OCCURRENCES OF ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                    MONTH: JAN. HOURS: ALL

0 - 191	192 - 280	281 - 310		NO OF OBS
	100.0			1
38.3	23.0	.7	—	1509
26.2	7.6	.1		145
16.4	7.7	.5		2450
19.3	8.2	.6		1912
2033	1202	42	0	7440

                    MONTH: FEB HOURS: ALL

	75.0	25.0		4
38.5	33.8	1.2		1597
33.5	33.3			3
30.4	14.9			148
20.1	10.6	.5		1559
19.3	11.2	.8		1314
2124	1580	60	0	6792

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 290
TSTMS			20.0	40.0	40.0
LIQUID PRECIP	19.5		6.1	43.5	29.3
FREEZING PRECIP					
FROZEN PRECIP	13.3		6.3	18.3	60.0
FOG	64.3		9.5	22.5	3.9
FOG WITH VIS ≤ 1/2 MILES	56.2		10.0	23.5	9.4
TOTAL OBS	2273	0	992	2252	1765

TSTMS	33.3			22.2	44.4
LIQUID PRECIP	13.6		3.2	40.9	41.1
FREEZING PRECIP					
FROZEN PRECIP					100.0
FOG	53.5		3.0	26.1	16.3
FOG WITH VIS ≤ 1/2 MILES	51.6		2.9	27.0	17.4
TOTAL OBS	1759	0	1137	1927	2195

OCCURRENCES OF ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                      MONTH: MAR   HOURS: ALL

- 191	192 - 230	231 - 310		NO OF OBS
0.0	40.0			5
3.5	23.3	1.7		1439
3.3	50.0	6.3		16
2.5	8.9	.9		926
3.5	9.4	1.0		840
2262	1765	143	0	7440

MONTH: APR   HOURS: ALL

2.2	44.4			9
0.9	41.1	1.3		1111
	100.0			3
16.1	16.3	1.1		368
17.0	17.4	1.2		345
927	2195	132	0	7200

6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMO
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION FROM HOURLY OBSER

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 131	192 - 283
TSTMS				50.0	50.0
LIQUID PRECIP	17.6		4.0	31.1	42.5
FREEZING PRECIP					
FROZEN PRECIP					
FOG	46.3		5.2	24.5	23.1
FOG WITH VIS GE 1/2 MILES	43.8		5.5	25.6	24.2
TOTAL OBS	1950	0	1190	1459	2441

	CALM	VARIABLE	311 - 049	050 - 131	192 - 283
TSTMS	14.3			14.3	71.4
LIQUID PRECIP	18.5		3.8	31.4	42.6
FREEZING PRECIP					
FROZEN PRECIP					
FOG	28.2		5.2	30.2	33.7
FOG WITH VIS GE 1/2 MILES	28.2		5.2	30.2	33.7
TOTAL OBS	1729	0	1384	1270	2424

A

OCCURRENCES OF ATMOSPHERIC PHENOMENA
N FROM HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: MAY   HOURS: ALL

....
- 191   192 - 230   231 - 310   NO OF OBS
....
50.0   50.0   6

31.1   42.5   4.3   924

24.5   23.1   .9   229
25.6   24.2   .9   219
....
1459   2441   332   2   7432
....

                   MONTH: JUN   HOURS: ALL
....
            71.4   7

31.4   42.6   3.5   659

30.2   33.7   2.8   252
30.2   33.7   2.3   252

....
1270   2424   393   0   7200
....

β

A - 5 - 3

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
                            LST TO UTC: + 8   M

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 280
TSTMS	15.0		5.0	25.0	55.0
LIQUID PRECIP	14.6		3.6	26.2	52.1
FREEZING PRECIP					
FROZEN PRECIP					
FOG	34.7		6.3	13.6	40.0
FOG WITH VIS GE 1/2 MILES	3.9		7.0	14.0	40.1
TOTAL OBS	1757	0	1671	945	2541

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 280
TSTMS	20.0		6.7	33.3	40.0
LIQUID PRECIP	21.3		5.0	29.7	42.3
FREEZING PRECIP					
FROZEN PRECIP					
FOG	56.4		7.3	12.1	24.3
FOG WITH VIS GE 1/2 MILES	53.3		8.1	12.6	25.1
TOTAL OBS	2341	0	1641	1053	2040

A

OCCURRENCES OF ATMOSPHERIC PHENOMENA
IN FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 79 - MAY 88
                       MONTH: JUL   HOURS: ALL

1 - 191	192 - 280	281 - 310		NO OF OBS
25.0	55.0			20
26.2	52.1	3.6		363
13.6	40.0	4.9		265
14.0	40.1	5.1		257
245	2541	415	0	7440

                       MONTH: AUG   HOURS: ALL

33.3	40.0			15
23.7	42.3	2.2		317
12.1	24.8	.9		447
12.4	25.1	.9		422
1058	2040	360	0	7440

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
                            LST TO UTC: + 8   W

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 250
TSTMS	11.1			33.3	44.4
LIQUID PRECIP	27.5		5.3	34.1	30.1
FREEZING PRECIP					
FROZEN PRECIP					
FOG	59.1		8.8	17.9	12.1
FOG WITH VIS LE 1/2 MILES	55.4		9.3	19.6	13.5
TOTAL OBS	2637	0	1330	1520	1519

TSTMS					100.0
LIQUID PRECIP	29.1		5.7	43.8	20.8
FREEZING PRECIP					
FROZEN PRECIP	60.0			40.0	
FOG	71.4		8.4	14.7	5.1
FOG WITH VIS LE 1/2 MILES	67.5		9.5	16.7	5.7
TOTAL OBS	3482	0	1074	1812	989

A

OCCURRENCES OF ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: SEP   HOURS: ALL

- 191	192 - 250	231 - 310		NO OF OBS
3.3	44.4	11.1		18
4.1	30.1	2.5		757
7.4	12.1	2.1		855
9.6	13.5	2.2		762
520	1519	194	0	7200

MONTH: OCT   HOURS: ALL

	100.0			3
3.6	20.8	.7		914
0.0				5
14.7	5.1	.4		2084
15.7	5.7	.5		1656
1312	989	83	0	7440

B

A - 5 - 5

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 280
TSTMS	10.0				20.0
LIQUID PRECIP	25.0		6.3	46.6	21.7
FREEZING PRECIP	100.0				
FROZEN PRECIP	14.0		54.7	24.4	7.0
FOG	65.4		8.2	19.7	6.3
FOG WITH VIS GE 1/2 MILES	61.6		9.7	20.9	7.2
TOTAL OBS	2916	0	715	2450	1030

	CALM	VARIABLE	311 - 049	050 - 191	192 - 280
TSTMS	50.0				50.0
LIQUID PRECIP	23.4		7.7	43.7	19.7
FREEZING PRECIP	15.4		76.9	7.7	
FROZEN PRECIP	46.0		31.0	15.9	5.2
FOG	65.9		9.1	19.5	5.2
FOG WITH VIS GE 1/2 MILES	64.0		9.9	19.8	5.0
TOTAL OBS	3213	0	739	2325	1132

A

OCCURRENCES OF ATMOSPHERIC PHENOMENA
ON FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: ALL

0 - 191	192 - 280	281 - 310		NO OF OBS
	30.0			10
46.6	21.7	.5		1612
24.4	7.0			86
17.7	6.3	.4		1957
20.9	7.2	.5		1616
2460	1030	29	0	7200

MONTH: DEC HOURS: ALL

	50.0			2
43.9	19.7	.3		1645
7.7				13
15.9	5.2	.9		113
19.5	5.2	.3		2373
19.8	6.0	.1		1842
2325	1132	30	0	7440

B

A - 5 - 6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 28(
TSTMS	14.0		4.0	23.0	56.0
LIQUID PRECIP	23.3		5.5	39.7	30.0
FREEZING PRECIP	22.2		61.1	11.1	5.6
FROZEN PRECIP	33.5		30.2	24.6	11.0
FOG	63.1		7.3	18.9	9.6
FOG WITH VIS LE 1/2 MILES	59.9		8.6	19.9	10.7
TOTAL OBS	29343	0	13328	21197	20903

CCURRENCES OF ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                  MONTHS: ALL

- 191	192 - 280	281 - 310	NO OF OBS
1.0	55.0	3.0	100
3.7	30.2	1.5	12347
1.1	5.6		18
1.6	11.0	.5	516
8.9	9.5	.7	13730
9.4	10.7	.9	11437
197	20008	2313	0	87654

```
PPPPPPPP        AAAAAA        RRRRRRRR      TTTTTTTTTT
PPPPPPPPP       AAAAAAAA      RRRRRRRRR     TTTTTTTTTT
PP      PP      AA    AA      RR     RR         TT
PP      PP      AA    AA      RR     RR         II
PPPPPPPPP       AA    AA      RRRRRRRR          TT
PPPPPPPP        AAAAAAAAAA    RRRRRRRR          II
PP              AAAAAAAAAA    RR   RR           TT
PP              AA    AA      RR    RR          II
PP              AA    AA      RR    RR          TT
PP              AA    AA      RR    RR          II
```

B - 1 - 1

A

```
RRR           TTTTTTTTTT           BBBBBBBBB
RRRR          TTTTTTTTTT           BBBBBBBBBB
  RR              TT               BB      BB
  RR              TT               BB      BB
RRRR              TT               BBBBBBBBBB
RRR               TT               BBBBBBBBB
  RR              TT               BB      BB
  RR              TT               BB      BB
  RR              TT               BBBBBBBBBB
  RR              TT               BBBBBBBBB
```

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMM

ALL TABLES IN PART 3 ARE CREATED FROM SUMMARY OF DAY

PERCENT OCCURRENCE FREQUENCY.
THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY
SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR A
COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WI
PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS
OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PR
COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCU
AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.
THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION
THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE T
AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEV
OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE F
THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK A
OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPL
IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS
MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION F
NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.
THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUN
MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH
THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL
ERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*
LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTER
OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" M
".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEAN

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENC
THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES
DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECOR
SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31
THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE
COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS E
AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR TH
ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFI
MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY
(OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURR
SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS
WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

PART 3

)WFALL, SNOW DEPTH SUMMARIES

:D FROM SUMMARY OF DAY (SOD) DATA.

)T OCCURRENCE FREQUENCY OF PRECIPITATION,
)TA IS SUMMARIZED FOR ALL YEARS
 THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS,
)NTS, PERCENT OF DAYS WITH TRACES, AND PERCENT
)TS. SUMMARIES ALSO PROVIDE AN OBSERVATION
)CATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE,
)ENT.

_MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.
4 FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST
4, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE
(*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS
AILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE
MPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED
_ NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE
EANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS

)M DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-
NOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW
CH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBS-
) YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH
RE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE
MPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH,
THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

 LAST DAYS OF OCCURRENCE BY SNOW YEAR.
T AND LAST OCCURRENCES OF SNOWFALL AND SNOW
ING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE
RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE
ONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN
OA (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE
R LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST)
AN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST)
LY, THE 1200 GMT ENTRY COLUMN 70) OF AWS FORM 10/10A
FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST
E LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED
ING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONT-
EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEA
COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN F
SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HIST
AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE,
ERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQ
MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY M
BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, TH
GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECO

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES
INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY

                    AIR FORCE   NAVY AND NATION

THROUGH 1945:   0800 LST   THROUGH JUN 195

JAN 1945 TO MAY 1957: 1230 LST   JUN 1952 TO MAY

JUN 1957 TO PRESENT: 1200 GMT   JUN 1957 TO PRE

CONVERSIONS:

    - 1 INCH = 25.39998 MILLIMETERS

    - 1 MILLIMETER = .03937 INCHES

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A

RECORDED IN THE MONTHLY TOTALS OR DAILY
RD "TRACE" WILL APPEAR IN THE APPROPRIATE

TICAL DATA ONLY WHEN FIVE (5) OR MORE
AVAILABLE.

S OR THE STATION HISTORY MIGHT PROVIDE CLUES
MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBS-
NG DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT
BSERVATIONS USUALLY MEANS THE STATION IS (OR HAS

MONTHS SUMMARIES, THE LAST ENTRY ON THE PAGE
OR THE PERIOD OF RECORD.

SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY

TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

     NAVY AND NATIONAL WEATHER SERVICE

     THROUGH JUN 1952:   0030 GMT

     JUL 1952 TO MAY 1957:   1230 GMT

     JUN 1957 TO PRESENT: 1200 GMT

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ES

     3 - 1 - 3

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                             LST TO UTC: +08

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL
NONE	28.7	31.9	33.6	39.4	48.5	54.8	73.0
TRACE	11.6	10.9	11.4	14.2	16.0	15.5	11.6
.01	3.9	2.0	3.3	3.2	3.9	3.0	2.1
.02-.05	9.2	10.6	10.6	10.1	8.2	7.4	3.9
.06-.10	7.7	7.4	8.5	7.8	6.2	4.9	2.3
.11-.25	13.6	15.9	16.1	13.1	8.7	7.3	3.4
.26-.50	13.4	11.4	10.8	8.3	6.4	5.1	2.5
.51-1.00	8.6	7.0	4.9	3.7	2.0	1.6	1.0
1.01-2.50	3.3	1.8	.8	.3	.1	.4	.1
2.51-5.00	.1	.1					
5.01-10.00							
10.01-20.00							
OVER 20.00							
DAYS WITH MEAS AMTS	59.7	57.2	55.0	45.5	35.5	29.7	15.4
TOTAL NO. OF OBSERVATIONS	1488	1356	1438	1440	1488	1410	1457

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A

B WASHINGTON PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
45.5	54.8	73.0	63.1	58.1	45.2	29.6	26.1	44.8
16.0	15.5	11.6	13.0	12.8	11.2	8.8	10.5	12.3
3.9	3.0	2.1	1.9	2.7	3.8	4.2	3.6	3.2
8.2	7.4	3.9	4.3	5.3	7.7	10.2	10.0	8.2
5.2	4.9	2.3	3.4	4.1	5.4	7.6	9.5	6.1
8.7	7.3	3.4	4.2	6.9	10.5	15.3	16.0	10.9
6.4	5.1	2.5	2.9	5.7	8.9	12.4	13.0	8.4
2.0	1.6	1.0	1.8	2.6	5.6	8.4	8.9	4.7
.1	.4	.1	.4	.8	1.5	3.3	3.4	1.4
					.1	.2		.0
15.6	29.7	15.4	19.9	29.0	43.5	61.7	63.4	42.9
438	1410	1457	1488	1440	1487	1440	1488	17470

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STATION AMOUNTS IN INCHES
DRY DATA

PERIOD OF RECORD: 4008-8305
MONTH: ALL   HOURS: ALL

	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
		.55	1.43	4.51	4.61	3.48	14.53*
	1.35	.07	2.16	2.91	1.35	5.20	8.00	33.77
	2.34	1.39	.15	.20	3.08	9.00	4.34	32.16
	1.72	.47	1.54	.68	4.50	2.40	2.91	28.61
	.67	TRACE	.62	1.32	1.84	3.94	2.42	22.74
	.15	.30	.72	4.10	3.14	5.03	5.04	36.85
	4.21	1.14	.07	1.92	2.35	2.70	5.27	36.01
	.92	1.08	.23	1.23	6.01	2.21	4.42	27.51
	1.58	2.53	2.19	3.07	1.89	5.45	6.69	47.54
	.64	.35	.34	.73	2.85	6.17	6.05	29.71
	.20	.35	1.01	.91	6.35	6.74	5.00	39.04
	.13	.51	.15	2.23	4.58	4.86	3.41	33.82
	1.19	.52	.51	.20	.89	1.23	5.16	22.13
	2.43	.54	1.29	2.56	4.31	7.09	6.76	48.25
	2.54	.94	2.33	2.63	2.20	5.31	4.84	41.94
	1.05	2.60	.22	1.45	6.92	3.44	10.49	47.05
	2.54	.73	.85	1.00	5.84	1.98	5.15	35.21
	1.75	1.52	2.12	1.05	3.56	3.85	6.00	37.90
	1.74	TRACE	.58	1.89	4.97	9.50	7.37	48.32
	2.13	.35	.73	3.84	3.46	8.05	5.07	46.02
	.33	.01	1.37	.77	5.06	10.09	3.69	46.75
	.87	.77	.89	.41	3.39	5.10	6.11	46.68
	.73	.22	2.36	2.11	3.77	11.59	4.61	38.07
	1.02	1.61	1.12	.97	4.0	8.71	5.05	39.62
	3.44	1.51	1.71	1.97	1.79	7.43	6.45	42.10
	.56	.91	2.10	.49	2.98	4.71	5.29	33.95
	2.20	1.53	.28	2.88	3.44	5.96	8.27	41.06
	2.13	.04	TRACE	1.61	7.62	7.54	3.44	37.23
	2.57	.74	5.43	2.91	4.91	6.73	6.95	51.24
	.95	.64	.29	5.12	2.19	2.83	6.80	37.11
	.23	.43	.34	1.83	2.73	5.41	10.55	41.11

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	7.52	4.99	7.00	2.60	1.17	3.33	.53
72	6.00	8.22	6.43	5.22	.86	1.84	1.41
73	3.77	1.90	2.30	.94	2.54	2.95	.04
74	7.19	4.77	5.90	3.45	2.11	1.67	2.29
75	8.00	5.83	3.23	1.99	1.82	.35	.23
76	5.26	4.52	3.73	3.12	2.45	.55	1.33
77	1.18	2.37	4.03	.78	3.90	.64	.10
78	5.96	2.72	2.50	3.36	1.84	1.13	1.15
79	2.37	6.97	2.07	1.93	1.03	.62	1.46
80	5.40	5.30	3.43	4.03	1.43	2.53	.33
81	3.00	5.97	3.65	3.71	2.49	3.54	.57
82	5.68	7.72	4.11	3.12	.51	1.07	.56
83	9.03	5.49	5.63	1.41	1.22	2.71	2.34
84	5.44	4.91	4.42	2.61	4.78	4.43	TRACE
85	.44	2.36	3.35	1.65	1.37	1.30	.10
86	9.92	4.37	3.35	2.48	3.22	1.21	1.95
87	7.63	3.18	5.60	3.47	3.30	.31	.65
88	5.26	1.40	5.82	4.85	4.47		

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WASHINGTON   PERIOD OF RECORD: 4008-8805
       MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3.33	.53	.35	2.14	3.40	5.79	6.59	45.97
1.84	1.41	1.08	3.55	.75	2.61	8.07	48.04
2.95	.04	.19	2.23	3.70	8.21	8.99	37.81
1.67	2.29	.01	.61	1.51	6.52	6.85	42.88
.35	.28	4.92	TRACE	6.36	5.97	7.74	47.43
.56	1.33	4.03	1.77	1.77	1.11	2.84	33.29
.64	.10	3.90	4.44	2.66	5.78	8.10	37.88
1.19	1.16	1.26	4.95	.43	5.82	2.26	33.55
.62	1.46	1.70	3.19	3.97	2.37	9.94	37.61
2.53	.33	.37	2.25	1.47	8.46	9.10	44.35
3.54	.57	.70	2.15	5.86	5.22	6.98	43.94
1.07	.56	.66	2.24	5.19	4.43	8.02	43.31
2.71	2.34	1.98	2.09	1.25	8.74	5.67	47.55
4.43	TRACE	.52	1.25	4.31	11.23	5.36	49.26
1.30	.10	.37	1.52	8.35	4.20	1.39	28.30
1.21	1.96	.27	2.39	5.15	10.69	4.36	49.87
.31	.65	.36	.43	.59	2.54	8.67	36.78
							21.80*

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STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL

	JAN	FEB	MAR	APR	MAY	JUN	JUL
LEAST	.44	1.38	.62	.25	.13	.13	TRACE
GREATEST	12.37	10.37	7.00	5.65	4.78	4.43	2.60
MEAN	5.76	4.32	3.79	2.70	1.90	1.53	.83
MEDIAN	5.60	4.45	3.72	2.61	1.81	1.36	.57
SD	2.304	2.002	1.504	1.240	1.112	1.093	.718
TOTAL OBS	1483	1356	1488	1440	1488	1410	1457

THE GREATEST VALUE OF   12.37   OCCURRED ON   01/63

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% (

ASHINGTON   PERIOD OF RECORD: 4008-8805
                                  MONTH: ALL   HOURS: ALL

. . . .
    JUN   JUL   AUG   SEP   OCT   NOV   DEC   ANNUAL
. . . .

. . . .

.13	TRACE	TRACE	TRACE	.43	1.11	1.89	22.13
4.43	2.60	5.43	5.12	8.05	11.59	10.55	51.24
1.53	.33	1.23	1.95	3.64	5.75	6.01	39.53
1.36	.57	.86	1.91	3.45	5.62	6.03	39.04
1.093	.718	1.247	1.236	1.902	2.709	2.156	7.311

. . . .

| 1410 | 1457 | 1488 | 1440 | 1497 | 1440 | 1488 | 17470 |

. . . .

RED ON   01/53

M LESS THAN 80% OF THE DATA AVAILABLE FOR THE MONTH

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STATION NO: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                       LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
41	1.25	.46	.43	.38	.72	.52	.07
42	.74	.87	.41	.34	.49	.53	.47
43	.45	.72	1.58	.49	.44	.75	.35
44	1.13	.37	.52	.41	.50	.40	TRACE
45	.56	1.37	.67	.56	.34	.10	.30
46	1.33	1.26	.95	.42	.29	.34	.96
47	1.55	1.07	.79	.41	.10	.25	.31
48	1.35	1.73	2.15	.75	.95	.31	.63
49	.17	1.94	.53	.35	.47	.42	.22
50	1.23	.54	.34	.52	.18	.13	.23
51	1.01	2.75	1.07	.31	.33	.10	.51
52	.71	.59	.50	.52	.35	.33	.27
53	1.22	.59	.88	.42	.52	.52	.23
54	1.73	.89	.85	.43	.42	.57	.73
55	1.11	1.57	.52	.56	.58	.23	.53
56	1.07	.37	1.14	.09	.34	.71	.51
57	.31	.91	1.03	.53	.45	.44	1.18
58	1.08	.36	.22	.83	.63	.75	TRACE
59	1.24	.50	.63	.59	.37	.41	.13
60	1.04	1.37	.67	.94	.59	.38	.01
61	.97	1.52	.72	.68	.72	.41	.53
62	.71	.50	.63	.88	.43	.35	.09
63	1.26	1.54	1.00	.80	.46	.29	.50
64	1.57	.43	.54	.22	.48	1.19	.49
65	1.13	1.22	.22	1.78	.35	.24	.40
66	1.09	.48	1.07	1.39	.99	.50	.61
67	2.07	.85	.38	.42	.23	1.32	.03 T
68	.99	1.26	1.04	.67	.58	1.33	.32
69	1.07	1.11	.53	.55	1.36	.43	.36
70	1.54	1.29	.83	.02	.29	.18	.23

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B - 2 - 3A

DAILY PRECIPITATION AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
		.41	.53	.55	.31	.72	.213
.62	.07	.42	.51	.48	1.07	2.37	2.37
.84	.47	.11	.15	1.35	1.49	.73	1.49
.75	.35	.51	.51	.74	.67	1.12	1.58
.40	TRACE	.45	.37	.54	.66	1.04	1.13
.13	.30	.72	1.52	.40	1.05	1.50	1.52
.34	.95	.25	.54	.72	.77	1.11	1.33
.20	.31	.22	.43	1.25	.44	.73	1.55
.31	.53	.32	1.17	.57	.31	1.61	2.16
.42	.22	.09	.40	1.05	1.51	1.55	1.94
.13	.22	.32	.55	1.06	.36	1.01	1.23
.13	.51	.10	1.10	.37	.99	.59	2.75
.33	.27	.19	.10	.37	.31	.57	.71
.52	.23	.89	1.21	1.03	.87	1.32	1.32
.57	.73	.97	.58	.58	.92	.61	1.73
.23	.53	.32	.51	1.17	2.05	1.81	2.05
.71	.51	.70	.32	1.21	1.23	1.73	1.73
.44	1.13	.54	.52	1.21	1.17	.89	1.21
.75	TRACE	.22	.42	1.33	1.50	1.36	1.50
.41	.13	.40	.93	.53	2.91	1.00	2.91
.33	.51	.70	.25	1.53	1.99	1.23	1.99
.41	.53	.50	.10	.51	1.09	1.01	1.52
.35	.09	.57	.53	1.51	2.96	.79	2.96
.29	.50	.48	.31	.78	1.49	.93	1.64
1.19	.49	.43	.93	.53	1.26	1.35	1.67
.21	.54	.37	.21	.63	.63	1.21	1.73
.50	.61	.23	.93	.80	1.32	1.22	1.39
1.32	.03	TRACE	.76	1.34	.51	.85	2.07
1.39	.32	1.35	.81	.74	1.11	1.14	1.39
.43	.35	.21	1.67	.84	1.47	1.14	1.67
.13	.23	.13	.43	.73	.68	1.92	1.92

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            STATID DIF: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	1.31	1.27	1.11	.33	.35	.94	.21
72	1.62	1.47	2.23	1.62	.36	.71	.53
73	.33	.47	.61	.67	.74	.34	.02
74	.99	.99	.92	.95	.49	.50	.93
75	1.51	1.75	.67	.73	.61	.35	.12
76	1.33	.77	.63	.53	.56	.23	.43
77	.25	.64	.63	.23	.97	.62	.04
78	.35	.55	.57	.60	.31	.33	.50
79	.65	1.72	.52	.33	.34	.24	1.32
80	1.02	.73	.69	.93	.64	.54	.11
81	.55	.33	.73	.72	.61	1.25	.42
82	1.43	1.48	.54	.75	.26	.35	.29
83	1.35	.65	.67	.52	.39	.54	.54
84	2.09	.82	.71	.55	.31	1.71	TRACE
85	.21	.70	.33	.53	.39	.32	.10
86	2.52	1.35	.52	.74	.63	.47	.24
87	2.34	1.00	1.53	.71	1.16	.15	.35
88	1.33	.37	1.27	1.13	.84		

GREATEST   2.52   2.75   2.23   1.78   1.36   1.71   1.32

TOTAL OBS   1438   1356   1488   1440   1485   1410   1457

THE GREATEST VALUE OF   3.49   OCCURRED ON   11/23/86

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

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WASHINGTON   PERIOD OF RECORD: 4008-8305
                              MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.34	.21	.44	.77	.35	1.01	1.10	1.31
.71	.53	.55	1.17	.26	.39	1.25	2.28
.34	.03	.09	.55	1.43	1.22	1.02	1.43
.50	.93	.01	.43	.52	1.08	1.69	1.69
.35	.12	1.02	TRACE	1.06	.93	1.43	1.76
.23	.43	1.14	1.26	.77	.36	1.01	1.30
.62	.04	1.51	1.20	.40	1.12	1.78	1.78
.38	.60	.23	1.31	.14	1.41	.43	1.41
.24	1.32	.57	.65	.72	.63	1.82	1.82
.54	.11	.87	.41	.73	1.40	1.47	1.47
1.25	.42	.35	.83	2.65	1.19	1.12	2.65
.35	.29	.24	.75	2.01	.97	1.74	2.01
.54	.54	1.13	.78	.37	1.73	1.72	1.73
1.71	TRACE	.27	.39	1.36	1.53	.98	2.09
.32	.10	.46	.45	2.32	.84	.83	2.32
.17	.54	.27	.70	3.05	3.49	.91	3.43
.15	.35	.24	.43	.42	.61	2.25	2.33
							1.83*

1.71	1.32	1.51	1.67	3.05	3.49	2.37	3.49
1410	1457	1488	1440	1487	1440	1488	17470

PRED ON 11/23/85

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

STATION NUMBER: 74200   STATION NAME: MCCHORD AFB WASHINGTON
                                     LST TO UTC: +08

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JU!
NONE	80.4	88.9	89.2	96.3	99.1	100.0	100.0
TRACE	11.2	7.6	8.0	3.5	.9		
0.1-0.4	2.5	1.3	1.1	.2			
0.5-1.4	2.9	1.2	1.1				
1.5-2.4	1.1	.5	.4				
2.5-3.4	.5	.2	.2				
3.5-4.4	.5	.2					
4.5-6.4	.4	.1	.1				
6.5-10.4	.4	.2					
10.5-15.4							
15.5-25.4							
25.5-50.4							
OVER 50.4							
DAYS WITH MEAS AMTS	8.4	3.5	2.8	.2			
TOTAL NO. OF OBSERVATIONS	1333	1215	1333	1290	1333	1260	130

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WASHINGTON   PERIOD OF RECORD: 4601-8805
                              MONTH: ALL   HOURS: ALL

AY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
.1	100.0	100.0	100.0	100.0	99.5	95.8	84.9	94.5
.9					.3	2.1	10.8	3.7
						.6	1.8	.6
					.2	.6	1.2	.6
						.2	.5	.2
						.2	.2	.1
						.1	.4	.1
						.2	.1	.1
						.2	.1	.1

| | | | | | .2 | 2.1 | 4.2 | 1.8 |

| 833 | 1260 | 1302 | 1302 | 1260 | 1301 | 1260 | 1300 | 15489 |

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
46	.0	TRACE	TRACE	.0	.0	.0	.0
47	4.0	.0	.0	.0	.0	.0	.0
48	1.7	.8	TRACE	.0	.0	.0	.0
49	2.3	9.3	.0	.0	.0	.0	.0
50	29.6	.3	TRACE	.0	.0	.0	.0
51	TRACE	TRACE	5.5	.0	.0	.0	.0
52	3.5	7.5	TRACE	TRACE	.0	.0	.0
53	.8	TRACE	TRACE	TRACE	.0	.0	.0
54	15.1	TRACE	TRACE	TRACE	.0	.0	.0
55	TRACE	.0	8.7	TRACE	.0	.0	.0
56	2.6	4.3	1.5	.0	.0	.0	.0
57	2.8	4.5	.0	.0	.0	.0	.0
58	.0	.0	TRACE	.0	.0	.0	.0
59	8.3	3.7	.5	.0	.0	.0	.0
60	2.3	.0	4.3	TRACE	.0	.0	.0
61	.0	.8	.1	TRACE	.0	.0	.0
62	TRACE	7.5	2.5	.0	.0	.0	.0
63	2.0	TRACE	TRACE	TRACE	.0	.0	.0
64	1.7	.0	1.0	TRACE	.0	.0	.0
65	8.3	TRACE	TRACE	.0	TRACE	.0	.0
66	1.0	TRACE	4.0	TRACE	.0	.0	.0
67	5.4	TRACE	.3	.2	.0	.0	.0
68	13.3	.0	.0	TRACE	.0	.0	.0
69	30.0	TRACE	.0	.0	.0	.0	.0
70	1.2	.0	TRACE	TRACE	TRACE	.0	.0
71	5.1	3.2	3.7	.0	.0	.0	.0
72	16.8	.9	2.6	.2	.0	.0	.0
73	1.4	TRACE	.2	.0	TRACE	.0	.0
74	3.0	TRACE	TRACE	TRACE	TRACE	.0	.0
75	4.7	1.5	TRACE	TRACE	.0	.0	.0
76	TRACE	1.7	TRACE	TRACE	.0	.0	.0
77	.3	.0	TRACE	.0	TRACE	.0	.0
78	.0	.0	TRACE	TRACE	.0	.0	.0
79	TRACE	.6	.0	TRACE	.0	.0	.0
80	14.5	4.1	TRACE	TRACE	.0	.0	.0

NTHLY SNOWFALL AMOUNTS IN INCHES
SUMMARY OF DAY DATA

B WASHINGTON   PERIOD OF RECORD: 4601-8805
                                MONTH: ALL   HOURS: ALL

	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	.0	.0	.0	.0	.0	3.6	.1	8.7
	.0	.0	.0	.0	.0	.0	.0	4.0
	.0	.0	.0	.0	.0	.0	.4	2.9
	.0	.0	.0	.0	.0	.0	5.6	17.7
	.0	.0	.0	.0	.0	1.0	TRACE	30.9
	.0	.0	.0	.0	.0	.0	TRACE	5.5
	.0	.0	.0	.0	.0	TRACE	TRACE	16.0
	.0	.0	.0	.0	.0	.0	.2	1.0
	.0	.0	.0	.0	.0	.0	TRACE	15.1
	.0	.0	.0	.0	.0	4.6	3.1	17.2
	.0	.0	.0	.0	.0	.0	3.5	12.5
	.0	.0	.0	.0	.0	.0	TRACE	7.3
	.0	.0	.0	.0	.0	1.0	.0	1.0
	.0	.0	.0	.0	.0	TRACE	.7	13.2
	.0	.0	.0	.0	.0	6.6	.0	13.7
	.0	.0	.0	.0	.0	TRACE	TRACE	.9
	.0	.0	.0	.0	.0	TRACE	.0	10.0
	.0	.0	.0	.0	.0	.5	.0	2.5
	.0	.0	.0	.0	.0	TRACE	TRACE	2.7
	.0	.0	.0	.0	.0	.0	6.5	14.3
	.0	.0	.0	.0	TRACE	.0	.5	5.5
	.0	.0	.0	.0	.0	.0	1.2	7.1
	.0	.0	.0	.0	.0	TRACE	14.2	27.5
	.0	.0	.0	.0	.0	.0	.0	30.0
	.0	.0	.0	.0	.0	TRACE	.3	1.5
	.0	.0	.0	.0	2.2	.0	9.9	24.1
	.0	.0	.0	.0	.0	TRACE	4.6	25.1
	.0	.0	.0	.0	.0	.7	TRACE	2.3
	.0	.0	.0	.0	.0	.0	10.1	13.1
	.0	.0	.0	.0	.0	1.3	.9	8.5
	.0	.0	.0	.0	.0	.0	.0	1.7
	.0	.0	.0	.0	.0	3.8	TRACE	4.1
	.0	.0	.0	.0	.0	2.1	.5	9.6
	.0	.0	.0	.0	.0	TRACE	.0	.6
	.0	.0	.0	.0	.0	.0	1.0	19.6

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
81	.0	1.0	.0	TRACE	.0	.0	.0
82	1.5	TRACE	1.3	TRACE	.0	.0	.0
83	.0	.0	TRACE	.0	.0	.1	.0
84	.0	.0	TRACE	TRACE	TRACE	.0	.0
85	TRACE	3.4	TRACE	.0	TRACE	.0	.0
86	.2	5.5	.0	.3	TRACE	.0	.0
87	.6	TRACE	TRACE	.0	.0	.0	.0
88	.3	TRACE	TRACE	TRACE	TRACE		

	JAN	FEB	MAR	APR	MAY	JUN	JUL
LEAST	.0	.0	.0	.0	.0	.0	.0
GREATEST	30.0	9.3	8.7	.3	TRACE	.0	.0
MEAN	4.4	1.4	.8	TRACE	TRACE	.0	.0
MEDIAN	1.6	TRACE	TRACE	TRACE	.0	.0	.0
SD	7.229	2.416	1.863	.061	.000	.000	.000
TOTAL OBS	1333	1215	1333	1290	1333	1260	1302

THE GREATEST VALUE OF   30.0   OCCURRED ON   01/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

THLY SNOWFALL AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4601-8805
                              MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	TRACE	1.0
.0	.0	.0	.0	.0	.0	.0	2.9
.0	.0	.0	.0	.0	.0	.8	.8
.0	.0	.0	.0	TRACE	.0	.6	.6
.0	.0	.0	.0	TRACE	15.3	.9	20.2
.0	.0	.0	.0	.0	.0	TRACE	5.8
.0	.0	.0	.0	.0	.0	.2	.3
							.3*

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	.0	.6
.0	.0	.0	.0	2.2	15.9	14.2	30.9
.0	.0	.0	.0	TRACE	1.3	1.5	9.8
.0	.0	.0	.0	.0	.0	.2	7.2
.000	.000	.000	.000	.339	3.224	3.208	8.878
1260	1302	1302	1260	1301	1260	1300	15489

RRED ON   01/59

TH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
46	.0	TRACE	TRACE	.0	.0	.0	.0
47	2.0	.0	.0	.0	.0	.0	.0
48	1.7	.8	TRACE	.0	.0	.0	.0
49	1.1	4.0	.0	.0	.0	.0	.0
50	3.4	.3	TRACE	.0	.0	.0	.0
51	TRACE	TRACE	2.2	.0	.0	.0	.0
52	4.3	7.4	TRACE	TRACE	.0	.0	.0
53	.8	TRACE	TRACE	TRACE	.0	.0	.0
54	5.6	TRACE	TRACE	TRACE	.0	.0	.0
55	TRACE	.8	2.9	TRACE	.0	.0	.0
56	1.3	2.4	1.3	.0	.0	.0	.0
57	1.2	2.2	.0	.0	.0	.0	.0
58	.0	.0	TRACE	.0	.0	.0	.0
59	3.6	3.7	.5	.0	.0	.0	.0
60	1.1	.0	4.5	TRACE	.0	.0	.0
61	.0	.3	.1	TRACE	.0	.0	.0
62	TRACE	7.5	1.3	.0	.0	.0	.0
63	2.0	TRACE	TRACE	TRACE	.0	.0	.0
64	1.0	.0	1.0	TRACE	.0	.0	.0
65	4.0	TRACE	TRACE	.0	TRACE	.0	.0
66	1.0	TRACE	2.0	TRACE	.0	.0	.0
67	5.4	TRACE	.2	.2	.0	.0	.0
68	5.3	.0	.0	TRACE	.0	.0	.0
69	6.8	TRACE	.0	.0	.0	.0	.0
70	1.0	.0	TRACE	TRACE	TRACE	.0	.0
71	2.3	3.1	1.5	.0	.0	.0	.0
72	6.6	.5	2.6	.2	.0	.0	.0
73	1.3	TRACE	.2	.0	TRACE	.0	.0
74	3.0	TRACE	TRACE	TRACE	TRACE	.0	.0
75	4.0	1.6	TRACE	TRACE	.0	.0	.0
76	TRACE	1.2	TRACE	TRACE	.0	.0	.0
77	.3	.0	TRACE	.0	TRACE	.0	.0
78	.0	.0	TRACE	TRACE	.0	.0	.0
79	TRACE	.4	.0	TRACE	.0	.0	.0
80	7.2	3.0	TRACE	TRACE	.0	.0	.0

A

B WASHINGTON   PERIOD OF RECORD: 4601-8805
                                MONTH: ALL   HOURS: ALL

Y	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	.0	.0	.0	.0	.0	6.2	.1	6.2
	.0	.0	.0	.0	.0	.0	.0	2.0
	.0	.0	.0	.0	.0	.0	.3	1.7
	.0	.0	.0	.0	.0	.0	3.9	4.0
	.0	.0	.0	.0	.0	1.0	TRACE	8.4
	.0	.0	.0	.0	.0	.0	TRACE	2.2
	.0	.0	.0	.0	.0	TRACE	TRACE	7.4
	.0	.0	.0	.0	.0	.0	.2	.8
	.0	.0	.0	.0	.0	.0	TRACE	5.6
	.0	.0	.0	.0	.0	3.0	2.0	3.0
	.0	.0	.0	.0	.0	.0	3.6	3.6
	.0	.0	.0	.0	.0	.0	TRACE	2.2
	.0	.0	.0	.0	.0	1.0	.0	1.0
	.0	.0	.0	.0	.0	TRACE	.6	3.7
	.0	.0	.0	.0	.0	6.5	.0	6.5
	.0	.0	.0	.0	.0	TRACE	TRACE	.8
	.0	.0	.0	.0	.0	TRACE	.0	7.5
	.0	.0	.0	.0	.0	.5	.0	2.0
	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
	.0	.0	.0	.0	.0	.0	5.5	5.5
	.0	.0	.0	.0	TRACE	.1	.5	2.0
	.0	.0	.0	.0	.0	.0	.9	5.4
	.0	.0	.0	.0	.0	TRACE	4.1	5.3
	.0	.0	.0	.0	.0	.0	.0	6.8
	.0	.0	.0	.0	.0	TRACE	.3	1.0
	.0	.0	.0	.0	1.2	.0	3.3	3.3
	.0	.0	.0	.0	.0	TRACE	3.2	5.6
	.0	.0	.0	.0	.0	.5	TRACE	1.3
	.0	.0	.0	.0	.0	.0	6.9	6.9
	.0	.0	.0	.0	.0	1.1	.8	4.0
	.0	.0	.0	.0	.0	.0	.0	1.2
	.0	.0	.0	.0	.0	2.9	TRACE	2.9
	.0	.0	.0	.0	.0	5.4	.4	5.4
	.0	.0	.0	.0	.0	TRACE	.0	.4
	.0	.0	.0	.0	.0	.0	1.2	7.2

3 - 3 - 3A

B

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
81	.0	1.0	.0	TRACE	.0	.0	.0
82	1.1	TRACE	.3	TRACE	.0	.0	.0
83	.0	.0	TRACE	.0	.0	.0	.0
84	.0	.0	TRACE	TRACE	TRACE	.0	.0
85	TRACE	2.0	TRACE	.0	TRACE	.0	.0
86	.0	5.2	.0	.3	TRACE	.0	.0
87	.5	TRACE	TRACE	.0	.0	.0	.0
88	.3	TRACE	TRACE	TRACE	TRACE		

	JAN	FEB	MAR	APR	MAY	JUN	JUL
GREATEST	3.4	7.5	4.5	.3	TRACE	.0	.0
TOTAL OBS	1333	1215	1333	1290	1333	1250	1302

THE GREATEST VALUE OF   9.4   OCCURRED ON   11/21/85

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

DAILY SNOWFALL AMOUNTS IN INCHES
A SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4601-3805
                              MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	TRACE	1.0
.0	.0	.0	.0	.0	.0	.0	1.1
.0	.0	.0	.0	.0	.0	.5	.5
.0	.0	.0	.0	TRACE	.0	.6	.6
.0	.0	.0	.0	TRACE	9.4	.5	9.4
.0	.0	.0	.0	.0	.0	TRACE	5.2
.0	.0	.0	.0	.0	.0	.2	.5
							.3*

| .0 | .0 | .0 | .0 | 1.2 | 9.4 | 5.9 | 9.4 |

| 1250 | 1302 | 1302 | 1260 | 1301 | 1260 | 1300 | 15489 |

PRED ON 11/21/85

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 38

6

OPERATING LOCATION 'A'   PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC   FROM SUMMARY OF DAY DA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                             LST TO UTC: +08

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JU!
NONE	88.5	94.6	97.8	100.0	100.0	100.0	100.:
TRACE	3.1	2.4	.9				
1	2.8	.7	.5				
2	1.2	1.0	.4				
3	1.6	.4	.2				
.-6	1.4	.9	.2				
7-12	1.1	.1					
13-24	3						
25-36							
37-48							
49-60							
61-120							
OVER 120							
DAYS WITH MEAS AMTS	8.4	2.9	1.3				
TOTAL NO. OF OBSERVATIONS	1484	1356	145?	1440	1438	1410	145!

A   8 - 4 - 1

NCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 40XX-84XX
                           MONTHS: ALL   HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0.0	100.0	100.0	100.0	100.0	99.9	97.0	94.8	97.7
					.1	.8	2.0	.8
						.3	1.1	.4
						.3	.7	.3
						.2	.7	.3
						1.0	.5	.3
						.4	.2	.1
								.0
						2.2	3.1	1.5
1410	1457	1488	1440	1487	1440	1487	17445	

8 - 4 - 1

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
41	0	0	0	0	0	0	0
42	1	0	0	0	0	0	0
43	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0
48	0	3	0	0	0	0	0
49	0	4	0	0	0	0	0
50	13	3	0	0	0	0	0
51	TRACE	0	3	0	0	0	0
52	3	3	0	0	0	0	0
53	0	0	0	0	0	0	0
54	9	0	0	0	0	0	0
55	0	TRACE	3	0	0	0	0
56	TRACE	2	1	0	0	0	0
57	4	2	0	0	0	0	0
58	0	0	0	0	0	0	0
59	7	1	0	0	0	0	0
60	1	0	4	0	0	0	0
61	0	0	0	0	0	0	0
62	0	TRACE	5	0	0	0	0
63	1	TRACE	0	0	0	0	0
64	0	0	0	0	0	0	0
65	4	0	0	0	0	0	0
66	0	0	2	0	0	0	0
67	2	0	0	0	0	0	0
68	4	0	0	0	0	0	0
69	11	5	0	0	0	0	0
70	0	0	0	0	0	0	0

A

9 - 4 - 2A

DAILY SNOW DEPTH AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4008-8805
                               MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
			1	0	0	0	0	74
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	8	TRACE	8
0	0	0	0	0	0	0	2
0	0	0	0	0	0	1	3
0	0	0	0	0	0	3	4
0	0	0	0	0	0	0	13
0	0	0	0	0	0	TRACE	3
0	0	0	0	0	0	0	3
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	7
0	0	0	0	0	2	2	3
0	0	0	0	0	0	4	4
0	0	0	0	0	0	0	4
0	0	0	0	0	1	0	1
0	0	0	0	0	0	1	7
0	0	0	0	0	7	0	7
0	0	0	0	0	0	TRACE	TRACE
0	0	0	0	0	0	0	6
0	0	0	0	0	0	0	1
0	0	0	0	0	1	2	2
0	0	0	0	0	0	1	4
0	0	0	0	0	0	0	2
0	0	0	0	0	0	1	2
0	0	0	0	0	0	4	4
0	0	0	0	0	0	0	11
0	0	0	0	0	TRACE	TRACE	TRACE

A - 4 - 2A

6

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	.	2	1	0	0	0	0
72	14	7	0	0	0	0	0
73	1	0	0	0	0	0	0
74	TRACE	0	0	0	0	0	0
75	4	0	0	0	0	0	0
76	.	TRACE	0	0	0	0	0
77	TRACE	0	0	0	0	0	0
78	0	0	0	0	0	0	0
79	0	TRACE	0	0	0	0	0
80	18	4	TRACE	0	0	0	0
81	.	0	0	0	0	0	0
82	2	TRACE	TRACE	0	0	0	0
83	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0
85	0	1	0	0	0	0	0
86	0	4	0	0	0	0	0
87	0	0	0	0	0	0	0
88	0	0	0	0	0		
GREATEST	18	6	0	0	0	0	
TOTAL OBS	1484	1356	1493	1440	1468	1410	1457

THE GREATEST VALUE OF   18   OCCURRED ON   01/17/8

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 20?

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ILY SNOW DEPTH AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4008-8605
                              MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	0	0	0	TRACE	0	4	4
0	0	0	0	0	0	4	14
0	0	0	0	0	0	TRACE	1
0	0	0	0	0	0	10	10
0	0	0	0	0	1	TRACE	4
0	0	0	0	0	0	0	TRACE
0	0	0	0	0	4	0	4
0	0	0	0	0	7	TRACE	7
0	0	0	0	0	0	0	TRACE
0	0	0	0	0	0	1	12
0	0	0	0	0	0	TRACE	TRACE
0	0	0	0	0	0	0	2
0	0	0	0	0	0	TRACE	TRACE
0	0	0	0	0	0	1	1
0	0	0	0	0	10	5	10
0	0	0	0	0	0	0	4
0	0	0	0	0	0	TRACE	TRACE
							0*
0	0	0	0	TRACE	10	10	18
1410	1457	1488	1440	1487	1440	1487	17465

RRED ON 01/17/90

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

P - 4 - 23

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	L... SNO...
41 - 42			JAN 07	
42 - 43			JAN 21	
45 - 46	FEB 03			M
46 - 47	NOV 18	NOV 18	NOV 18	J.
47 - 48	JAN 31	JAN 31	FEB 01	M
48 - 49	DEC 04	DEC 08	DEC 22	E
49 - 50	DEC 09	DEC 11	DEC 12	M
50 - 51	NOV 14	NOV 30	MAR 01	M
51 - 52	DEC 05	JAN 03	JAN 04	A
52 - 53	NOV 30	JAN 26		A
53 - 54	DEC 05	DEC 05	JAN 15	A
54 - 55	DEC 25	FEB 28	MAR 01	A
55 - 56	NOV 11	NOV 11	NOV 12	M
56 - 57	DEC 04	DEC 05	DEC 05	F
57 - 58	DEC 22			M
58 - 59	NOV 14	NOV 14	NOV 15	M
59 - 60	NOV 14	DEC 30	DEC 31	A
60 - 61	NOV 14	NOV 20	NOV 21	J
61 - 62	NOV 21	FEB 28	MAR 01	M
62 - 63	NOV 29	JAN 30	JAN 31	A
63 - 64	NOV 19	NOV 19		A
64 - 65	NOV 25	JAN 02	NOV 27	M
65 - 66	DEC 13	DEC 23	DEC 24	A
66 - 67	OCT 22	DEC 07	JAN 05	A
67 - 68	DEC 05	DEC 05	DEC 20	A
68 - 69	NOV 24	DEC 03	DEC 04	F
69 - 70	JAN 03	JAN 10		M
70 - 71	NOV 21	DEC 03	JAN 11	M

DAYS OF OCCURRENCE BY SNOW-YEAR
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4008-8805
SNOW-YEAR: 1 AUG - 31 JUL

LAST MEASURABLE DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
07			JAN 07
21			JAN 26
	MAR 23		
13	JAN 31	JAN 31	JAN 31
01	MAR 22	FEB 01	FEB 01
22	FEB 19	FEB 19	FEB 20
12	MAR 28	FEB 03	FEB 04
01	MAR 12	MAR 10	MAR 11
04	APR 02	FEB 20	FEB 22
	APR 11	JAN 26	
15	APR 23	JAN 24	JAN 24
01	APR 25	MAR 05	MAR 04
12	MAR 12	MAR 05	MAR 05
05	FEB 22	FEB 22	FEB 23
	MAR 08		
15	MAR 13	MAR 13	FEB 10
31	APR 21	MAR 09	MAR 05
21	APR 22	MAR 22	NOV 22
01	MAR 27	MAR 03	MAR 04
31	APR 15	JAN 30	JAN 31
	APR 22	MAR 12	
27	MAY 05	JAN 06	JAN 07
24	APR 12	MAR 20	MAR 21
05	APR 13	APR 13	JAN 06
20	APR 12	JAN 30	JAN 31
04	FEB 25	JAN 31	FEB 02
	MAY 10	JAN 16	
11	MAR 24	MAR 17	MAR 04

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LA SNOW
71 - 72	OCT 26	OCT 26	DEC 08	AP
72 - 73	NOV 27	DEC 03	DEC 12	MA
73 - 74	NOV 03	NOV 03		MA
74 - 75	DEC 21	DEC 26	DEC 27	AP
75 - 76	NOV 15	NOV 17	NOV 30	AP
76 - 77	JAN 01	JAN 02		MA
77 - 78	NOV 07	NOV 17	NOV 18	AP
78 - 79	NOV 18	NOV 18	NOV 19	AP
79 - 80	NOV 29	JAN 07	JAN 07	AP
80 - 81	DEC 03	DEC 06	DEC 06	AP
81 - 82	DEC 13	JAN 01	JAN 05	AP
82 - 83	MAR 27			MA
83 - 84	DEC 02	DEC 18		MA
84 - 85	OCT 25	DEC 17	DEC 17	MA
85 - 86	OCT 30	NOV 20	NOV 21	MA
86 - 87	DEC 18	JAN 13		MA
87 - 88	DEC 16	DEC 15		MA

| MEDIAN-DATE | NOV 23 | DEC 07 | DEC 21 | A |

OCCURRENCE BY SNOW-YEAR
F DAY DATA

PERIOD OF RECORD: 4008-8805
SNOW-YEAR: 1 AUG - 31 JUL

LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
APR 28	APR 16	FEB 07
MAY 08	MAR 18	JAN 10
MAY 15	JAN 30	
APR 04	FEB 15	JAN 12
APR 24	FEB 29	NOV 30
MAY 04	JAN 02	
APR 05	NOV 23	NOV 23
APR 13	FEB 16	NOV 26
APR 05	FEB 15	FEB 15
APR 11	FEB 11	DEC 05
APR 28	MAR 31	JAN 08
MAR 30		
MAY 20	DEC 19	
MAY 03	FEB 03	FEB 02
MAY 04	APR 28	FEB 15
MAR 13	JAN 13	
MAY 01	JAN 30	

IC 21	APR 12	FEB 15	FEB 01

C - 1 - 1

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PEAK WINDS.
THESE TABLES ARE CREATED FROM SUMMARY OF DAY
DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE
THROUGH JUNE 1963, BUT IN JULY 1963, ALL STAT
WEATHER SERVICE STARTED RECORDING DIRECTIONS
IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE
AVAILABLE. GIVEN: THE GREATEST MONTHLY VALU
GREATEST YEARLY VALUE FOR ALL YEARS COMBINED,
PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF R
A VALUE FOR A MONTH FOR WHICH LESS THAN 90% O
ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR M

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.
ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMA
YEARS COMBINED. FOR ELEVEN WIND SPEED GROUPS
INCLUDES CALM WINDS. IF THE PEAK WIND IS RE
AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT
MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS.
ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EA

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE
THESE TABLES ARE CREATED FROM HOURLY OBSERVAT
THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR

- BY MONTH (ALL YEARS AND ALL HOURS COMBINE

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF TH
FREQUENCY (PDF) FOR ELEVEN WIND SPEED GROUPS
SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM
GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (
TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EAC
ERVATION COUNTS, ARE PRINTED BELOW EACH SUMMA

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND
FOR SPECIFIED CEILING/VISIBILITY CONDITIONS.

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL
THE CEILING MUST BE GREATER THAN OR EQUAL TO
IF THIS CONDITION IS NOT MET, THEN THE FOLLO
WHEN THE CEILING IS GREATER THAN OR EQUAL TO
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

A

PART C.

CLIMATIC SUMMARIES

SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS.
POINTS FROM THE BEGINNING OF PERIOD OF RECORD
OF 1965, ALL STATIONS EXCEPT THOSE OF THE NATIONAL
WIND DIRECTIONS IN TENS OF DEGREES. DATA
FOR YEAR FOR THE ENTIRE PERIOD OF RECORD
BEST MONTHLY VALUE FOR ALL YEARS COMBINED. THE
YEARS COMBINED, AND THE DATE OF THE ABSOLUTE
ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES
LESS THAN 90% OF THE DATA ARE AVAILABLE. AN
WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

FREQUENCY.
DATA IS SUMMARIZED BY MONTH, FOR ALL
WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP
PEAK WIND IS REPORTED FOR A PARTICULAR DAY
THE "1-4 " DIM CATEGORY. TABLES INCLUDE
OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY
RECORDED FOR EACH DAY OF EACH MONTH.

PERCENT OCCURRENCE FREQUENCY.
HOURLY OBSERVATIONS. THEY SUMMARIZE

TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

ALL HOURS COMBINED).

HOURS COMBINED).

DISTRIBUTION OF THE PERCENT OCCURRENCE
SPEED GROUPS VERSUS TWELVE WIND DIRECTION
POINTS. "CALM" AND "VARIABLE" WINDS ARE
DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE.
MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBS"
LOW EACH SUMMARY.

DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED
CEILING CONDITIONS. THESE CONDITIONS ARE:

LESS THAN OR EQUAL TO 1/2 MILES (0800 METERS)
THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.
THEN THE FOLLOWING CONDITION IS TESTED:
THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST
1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

METERS PER SECOND

0 - 1 - 2

B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
47	WSW*47	SSW 43	SSW*23	*	NNE*30	SW 32	SW 26
48	*	*	WNW*35	W 35	SW 35	NNE 31	W 27
49	NE 33	SW 45	W 39	WSW 48	NE 32	SSW 40	WNW 27
50	W 51	S 42	WSW*40	SW 42	WSW 29	WSW 29	SW 24
51	SSE 55	NNE 35	SSW 47	NNW 26	SSW 30	NW 27	WNW 23
52	SE 33	S 41	SSW 35	SSE 35	SSE 25	SSW 30	NNW 34
53	S 45	WSW 47	WSW 36	WSW 32	SSW*35	WNW 23	N 26
54	S 43	SSE 45	WNW 40	SSW 32	NNE 25	WSW*26	SSW 27
55	S 45	SW 49	WSW 55	WSW 49	SSW 34	W 29	SW *24
56	SSW 57	W 43	WSW 34	W *33	W 31	W 29	NE 26
57	SW 32	SSW 34	WSW 27	SSW 35	W 29	SW 26	SW 25
58	SW 45	SSW 46	SSW 30	SSW 36	SSE 31	WSW 26	SW 23
59	SSW 42	SSE 30	SSW 33	SSW 32	SW 30	SSW 23	SW 27
60	S 30	SSW 36	SW 34	SSW 37	WSW 32	WSW 25	NNE 22
61	SSW 34	SSW 34	SSW 42	WSW 35	SW 32	SW 26	SW 23
62	SW 35	WSW 35	W 35	SSW 42	W 33	S 22	W 22
63	S 30	SSW 33	S 36	SW 33	S 31	SW 22	S *25
64	SW 50	WSW 34	WSW 51	W 30	N 26	SW *22	S 23
65	S 37	SSW 38	NW 25	SSW 29	SSW 39	WSW 25	SSW 21
66	WSW 41	SW 31	SSE 40	WSW 30	SSW 34	WSW 27	SW 22
67	SSW 35	SW 37	S 37	SSW 32	W 25	SW 24	SW 20
68	SW 34	W 30	S 34	SW 33	SW 31	SW 28	20/ 21
69	26/ 35	19/ 28	23/ 35	21/ 47	20/ 29	25/ 23	22/ 19
70	20/ 32	05/ 32	21/ 24	19/ 31	23/ 24	22/ 31	24/ 24
71	19/ 40	19/ 40	18/ 45	19/ 28	18/ 39	22/ 27	01/ 20
72	23/ 50	21/ 41	18/*43	16/ 43	23/ 24	21/ 25	01/ 22
73	20/ 35	16/ 26	19/ 34	24/ 29	24/ 32	23/*24	24/ 24
74	05/ 42	21/ 25	19/ 31	25/ 32	23/ 31	24/ 24	20/ 18
75	24/ 45	23/ 35	20/ 30	20/ 29	23/ 33	24/*21	23/ 17
76	18/ 35	21/ 33	20/ 37	25/ 27	23/ 25	25/ 25	23/ 22
77	22/ 32	23/ 33	26/ 36	21/ 31	25/ 29	25/ 27	23/ 24
78	19/ 37	15/ 27	20/ 30	23/ 24	19/ 23	26/ 28	21/ 20
79	21/ 24	19/ 46	24/ 35	20/ 32	23/ 27	28/ 23	27/ 21
80	25/ 35	25/ 22	20/ 32	19/ 35	24/ 29	23/ 22	18/ 27

SURFACE WINDS IN KNOTS
IM SUMMARY OF DAY DATA

					PERIOD OF RECORD: 4701-8805		
WASHINGTON					MONTH: ALL HOURS: ALL		

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
SW 30	SW 25	NNW 24	NNE 36	S 38	WSW 40	SSW*42	SSW*43
NNE 31	N 23	SSW 30	SSW 37	WSW 39	SSW 43	SSW 43	SSW*43
SSW 40	WNW 27	WNW 25	N 30	NE 38	S 48	SW 43	WSW 43
SSW 29	SW 24	N 25	NNE 23	S 45	WSW 41	SW 30	N *51
W 25	WNW 23	W 32	SSW 35	SSW 36	S 43	SSE 38	SSE 55
SSW 30	NNW 34	WNW 24	SSW 23	NNE 23	SSE 46	SSE 42	SSE 45
WNW 23	N 25	WNW 23	SE 40	S *31	SSW*40	S 45	WSW*47
SSW*26	SSW 27	SSW 23	SSE 25	SSE 36	ESE 43	ESE 31	SSE*46
W 29	SW *23	WNW 21	SW 31	WSW 41	W 46	W 48	WSW*56
W 29	NE 25	NE *20	SW 28	SW 33	W 32	SW 33	W *43
SW 25	SW 25	E *25	SSW 28	W 26	WNW 31	SSE 34	SSW*33
SSW 26	SW 23	WSW 25	SW 44	SSW 34	SSW 47	SW 36	SSW 47
SSW 23	SW 27	S 24	SSW 30	SSW 27	SSW 32	S 33	SSW 42
SSW 25	NNE 22	SSW 23	S 24	SSW 32	WSW 30	SSW 30	SSW 37
SW 25	SW 23	W 21	WSW 38	S 36	W 36	WSW 42	SSW 42
S 23	W 22	SW 23	SSW 27	S 76	S 44	SSE 28	S 76
SW 20	S *25	N *15	WSW 25	S 37	SSW*31	S *39	S *39
SW *22	S 23	WSW 26	S 32	S 22	S 28	NNE 38	WSW*51
SSW 25	SSW 21	SSE 22	S 25	SSW 30	S 40	SW 32	S 40
WSW 27	SW 22	W 23	SW 26	S 31	SW 28	WSW 29	WSW 41
SW 23	SW 20	W *20	SSW 32	S 36	S 34	S 33	SW *37
SW 28	20/ 21	20/ 20	19/ 28	24/ 28	22/ 30	21/ 39	21/ 39
25/ 23	22/ 19	19/ 23	23/ 27	06/ 32	23/ 34	18/ 35	21/ 47
22/ 31	24/ 24	17/ 32	19/ 25	26/ 34	24/ 31	15/ 33	26/ 34
22/ 27	01/ 20	19/ 23	33/ 25	23/ 30	24/ 25	25/ 33	18/ 48
21/ 26	01/ 22	35/ 22	23/ 31	23/ 28	19/ 24	17/ 37	18/*48
23/*24	24/ 24	23/ 28	19/ 27	18/ 29	21/ 30	19/ 48	19/*49
24/ 24	20/ 18	23/ 20	22/ 23	24/ 18	19/ 35	16/ 36	05/ 42
24/*21	23/ 17	22/ 28	21/ 19	26/ 29	23/ 39	22/ 47	22/*47
25/ 25	23/ 22	24/ 24	22/ 21	23/ 32	20/ 30	23/ 30	21/ 38
26/ 27	25/ 24	22/ 28	23/ 29	19/ 34	27/ 32	25/ 34	23/ 39
26/ 28	21/ 20	25/ 23	26/ 21	20/ 21	24/ 36	17/ 32	19/ 37
23/ 21	27/ 21	19/*14	24/ 23	26/ 32	19/ 18	22/ 32	19/*45
23/ 22	18/ 27	10/ 36	17/ 25	17/ 22	27/ 33	19/ 31	10/ 36

C - 2 - 1A

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	
81	14/24	26/40	05/30	26/32	25/20	27/23	28/24	15
82	19/42	19/32	23/30	26/35	27/27	24/23	22/21	21
83	24/36	15/28	18/36	20/22	20/29	09/29	24/18	25
74	24/28	26/30	19/34	20/25	25/24	21/23	21/21	23
85	23/13	26/30	26/29	24/29	24/29	09/36	25/21	21
86	24/54	18/30	20/41	20/38	18/29	23/31	22/24	36
87	22/31	23/29	24/27	21/38	25/31	24/22	19/23	24
88	18/39	24/40	19/37	24/35	22/24			

GREATEST	SSE 56	SW 49	WSW 56	WSW 49	SSW 39	SSW 40	NNW 34	1C
TOTAL OBS	1253	1151	1246	1213	1233	1130	1248	

THE PEAK WIND OF 76 FROM S OCCURRED ON 10/12/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%
$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF

A

WASHINGTON   PERIOD OF RECORD: 4701-8805
                              MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
?/ 23	23/ 24	13/ 20	13/ 23	23/ 25	17/ 45	21/ 33	17/ 45
4/ 23	22/ 21	21/ 17	20/ 21	19/ 30	19/ 26	16/ 42	19/ 42
9/ 29	24/ 18	25/ 16	22/ 27	22/ 16	19/ 44	03/ 23	19/ 44
1/ 23	21/ 21	23/ 20	23/ 25	24/ 26	21/ 36	20/ 33	21/ 36
9/ 36	25/ 21	21/ 20	17/ 29	20/ 31	04/ 29	18/ 25	09/ 36
3/ 31	22/ 24	36/ 16	21/ 27	15/ 24	17/ 34	18/ 24	24/ 54
4/ 22	19/ 23	24/ 24	24/ 23	20/ 21	24/ 33	24/ 35	21/ 38
							24/*40

SW 40	NNW 34	10/ 36	SW 44	S 76	S 48	W 43	S 76
1130	1248	1219	1223	1256	1217	1249	14737

ED ON 10/12/52

W LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

C - 2 - 19

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: +08

WIND SPEEDS IN KNOTS

MONTH	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35
JAN	5.7	24.0	19.2	15.1	15.2	9.5	5.7	
FEB	2.8	20.2	24.9	16.5	16.6	8.8	5.4	
MAR	.4	12.8	26.2	25.2	15.2	9.0	6.5	
APR	.2	9.3	28.8	27.0	17.6	10.1	4.5	
MAY	.3	10.1	33.7	30.2	18.0	5.1	2.2	
JUN	.1	9.8	40.9	31.6	13.3	3.4	.5	
JUL	.0	10.3	46.4	32.0	9.4	1.5	.1	
AUG	.2	13.5	48.3	27.1	9.1	1.5	.3	
SEP	.7	18.8	39.3	24.1	11.9	3.5	1.2	
OCT	3.1	27.1	31.3	17.4	12.0	4.0	3.7	
NOV	3.6	25.5	20.9	18.1	14.7	8.2	5.9	
DEC	4.7	21.9	22.0	17.2	14.6	9.4	6.3	
ANNUAL	1.8	17.0	31.8	23.5	14.0	6.3	3.6	

A

CY OF OCCURRENCE OF DAILY PEAK WINDS
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4701-8805
                                    MONTH: ALL   HOURS: ALL

| SPEEDS IN KNOTS | | | | | | MEAN | MEDIAN | TOTAL |
25-29	30-34	35-39	40-49	50-54	GE 55	WIND	WIND	OBS
9.5	5.7	3.4	1.9	.4	.0	16.6	15.0	1253
3.3	5.4	3.0	1.3	.0	.0	16.9	15.0	1151
9.9	6.5	2.5	1.0	.2	.0	17.3	17.0	1246
10.1	4.5	1.3	.7	.0	.0	17.7	16.0	1213
5.1	2.2	.5	.0	.0	.0	15.1	15.0	1293
3.4	.5	.3	.1	.0	.0	15.1	14.0	1180
1.3	.1	.0	.0	.0	.0	14.3	14.0	1248
1.5	.3	.1	.0	.0	.0	13.8	13.0	1218
3.5	1.2	.3	.2	.0	.0	14.1	13.0	1223
4.0	3.7	1.1	.2	.0	.1	14.1	12.0	1256
9.2	5.9	1.4	1.7	.0	.0	15.9	15.0	1217
9.4	5.3	1.3	1.6	.0	.0	16.4	15.0	1249
5.3	3.6	1.3	.3	.1	.0	15.7	14.0	14737

C - 3 - 1

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

. . . .

| | | | | WIND SPEED IN KNOTS | | | |
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.9	.1						
020-040	1.1	1.7						
050-070	1.4	.1	.2					
(E) 080-100	.9	.4						
110-130	1.4	.1						
140-160	3.2	1.3		.1				
(S) 170-190	10.2	7.5	2.0	.4	.1	.1		
200-220	2.6	2.7	3.9	.3		.1		
230-250	1.3	1.0	.5	.2				
(W) 260-280	.2	.1						
290-310	.1							
320-340	.2	.1						

. . . .

VARIABLE

CALM   ///

TOTALS	23.5	15.7	5.6	1.0	.1	.2

TOTAL NUMBER OF OBSERVATIONS   930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                  MONTH: JAN   HOURS: 00-02

IN KNOTS

9	30-34	35-37	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.0	3.6	4.0
						2.3	4.7	5.0
						1.7	3.6	2.0
						1.3	4.0	3.0
						1.5	2.7	2.0
						5.3	4.1	4.0
.1						20.4	5.4	4.5
.1						9.6	3.2	3.0
						3.0	5.2	5.0
						.3	4.0	2.0
						.1	2.0	2.0
						.3	5.3	4.0

/// 52.7 ///////////

| .2 | | | | | | 100.0 | 2.6 | 5.0 |

RVATIONS   930

C - 4 - 1

B

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIO

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

| | | | | WIND SPEED IN KNOTS | | | | |
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.9	.4	.1					
020-040	1.7	1.2	.2					
050-070	1.0	.4	.3					
(E) 080-100	.3	.1						
110-130	1.1	.1						
140-160	4.7	1.2	.2					
(S) 170-190	3.4	5.7	2.3	.6				
200-220	3.2	3.1	3.5	1.2	.5			
230-250	1.0	.4	.2					
(W) 260-280	.3	.1						
290-310	.2	.1						
320-340	.2							

VARIABLE

CALM   //

TOTALS   25.1   12.8   6.8   1.8   .5

                    TOTAL NUMBER OF OBSERVATIONS   930

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                    MONTH: JAN   HOURS: 03-05

....

D IN KNOTS

-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.5	3.7	3.0
						3.1	4.4	4.0
						1.7	4.9	4.0
						.9	2.9	2.5
						1.2	2.9	3.0
						6.1	3.5	3.0
						17.0	5.8	5.0
						11.5	3.7	3.0
						1.0	4.3	2.0
						.4	2.8	2.0
						.3	3.0	2.0
						.3	1.3	2.0

....

/// 52.8 ////////////

                                               100.0   2.7   4.0

ERVATIONS   930

....

C - 4 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER : 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.4	.2							
020-040	2.2	1.2	.1						
050-070	1.1	.1	.1						
(E) 080-100	.3								
110-130	1.4	.1							
140-160	3.3	1.4	.3						
(S) 170-190	7.7	5.2	3.3	.3	.3				
200-220	2.3	2.3	2.8	.9					
230-250	1.5	.4	.4	.2	.1				
(W) 260-280	.5								
290-310	.4	.2							
320-340	.4								
VARIABLE									
CALM	///								
TOTALS	25.1	12.6	7.0	1.4	.4				

WIND SPEED IN KNOTS

TOTAL NUMBER OF OBSERVATIONS   930

A

C - 4 - 3

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
SUPPLY OBSERVATIONS

IN KNOTS

30-34	35-39	40-44	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					1.5	3.0	2.0
					3.4	4.0	4.0
					1.2	3.6	3.0
					.9	2.5	2.0
					1.5	2.6	2.0
					5.5	4.5	4.0
					19.9	5.0	5.0
					9.2	8.4	9.0
					2.7	5.8	3.0
					.6	2.5	2.5
					5	3.5	3.5
					.4	2.5	2.5

/////////////////////////////////// 53.3 ///////////
                                     100.0   2.6   4.0

OBSERVATIONS   930

STATION NUMBER: 742000 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

. . . .

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.6	.1						
020-040	3.2	.9						
050-070	2.9	1.2						
(E) 080-100	1.6	.2						
110-130	2.0	.2						
140-160	3.2	1.7	.5					
(S) 170-190	7.4	5.7	2.4	.6				
200-220	4.1	2.7	4.3	.4	.1			
230-250	1.7	.5	1.2	.2	.3			
(W) 260-280	.6	.1						
290-310	.4	.1						
320-340	.9	.2						

. . . .

VARIABLE

CALM //

| TOTALS | 29.4 | 13.6 | 8.4 | 1.2 | .4 | | | |

TOTAL NUMBER OF OBSERVATIONS 930

. . . .

A

C - 4 - 4

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                    MONTH: JAN   HOURS: 09-11

. . . .

D IN KNOTS

-27	30-34	35-37	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						1.7	2.3	2.0
						4.1	3.1	2.0
						4.1	3.5	3.0
						1.3	2.9	3.0
						2.3	2.7	2.0
						5.3	5.0	4.2
						15.1	6.1	5.5
						11.6	7.3	7.5
						4.0	5.1	6.0
						.5	3.0	2.0
						.5	3.0	2.0
						1.1	2.3	1.0

. . . .

/// 46.7 ///////////

| | | | | | | 100.0 | 2.9 | 4.0 |

RVATIONS   930

. . . .

B

C - 4 - 4

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
                           LST TO UTC: + 8   MO

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	4.1	1.7	.3						
020-040	5.4	4.7	1.0	.1					
050-070	1.4	.8	.1	.1					
(E) 080-100	1.5								
110-130	1.3	.2							
140-160	2.8	.3	.1						
(S) 170-190	3.3	2.9	2.7	1.1	.1				
200-220	2.4	5.1	5.9	1.3	.2				
230-250	2.6	1.4	1.5	.6	.1	.1			
(W) 260-280	1.8	.3	.2						
290-310	1.1								
320-340	2.5	.2							

VARIABLE

CALM   ///

TOTALS	30.2	19.1	11.8	3.2	.4	.1

TOTAL NUMBER OF OBSERVATIONS   930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

HINSTON   PERIOD OF RECORD: JUN 73 - MAY 88
                 MONTH: JAN   HOURS: 12-14

....
N KNOTS
  30-34 35-39 40-49 50-54 GE 65   TOTAL MEAN MEDIAN
                                         %   WIND   WIND
....

                                        5.1   3.9   3.0

                                       11.2   5.0   5.0

                                        2.4   5.0   4.0

                                        1.5   2.4   2.0

                                        1.5   3.1   2.5

                                        3.7   3.5   3.0

                                       10.1   7.3   6.5

                                       15.9   9.3   9.0

                                        5.3   7.9   7.0

                                        2.4   3.6   2.5

                                        1.1   2.1   2.0

                                        2.7   2.8   2.0

....

////////////////////////////////////// 35.2 ///////////

1   100.0   4.1   5.0

VATIONS   930
....

D

r - 4 - 5

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	5.1	1.6	.4						
020-040	5.7	3.8	.9	.1					
050-070	2.7	.9							
(E) 080-100	1.5	.2							
110-130	1.3	.2							
140-160	3.9	1.2	.4						
(S) 170-190	4.3	4.1	2.7	.3					
200-220	2.7	5.3	5.1	1.3					
230-250	1.8	1.3	.9	.4					
(W) 260-280	1.4	.1	.1						
290-310	1.1	.1							
320-340	1.8								

VARIABLE

CALM   //

| TOTALS | 33.9 | 19.8 | 10.5 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS   930

A

C - 4 - 6

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: JAN   HOURS: 15-17

. . . .
IN KNOTS

29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.1	3.9	3.0
						10.4	4.8	4.0
						3.5	3.2	2.0
						1.7	2.9	2.5
						2.2	2.8	2.0
						5.5	4.1	3.0
						11.4	6.8	6.0
						15.4	8.6	9.0
						4.4	6.8	5.0
						1.6	3.3	4.0
						1.2	2.0	2.0
						1.3	2.4	2.0

. . . .

// 33.8 ////////////

                                              100.0   3.7   4.0

RVATIONS   930
. . . .

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.3	.4	.3						
020-040	4.2	2.0	.2	.1					
050-070	2.6	.3	.2						
(E) 080-100	.9	.3							
110-130	1.3	.3							
140-160	3.7	2.3	.5	.1					
(S) 170-190	6.3	6.0	3.4	.6	.2	.1			
200-220	3.1	5.1	2.9	.8	.3				
230-250	1.2	.3	.3			.1			
(W) 260-280	.5	.1							
290-310		.1							
320-340	.2								
VARIABLE									
CALM	///								
TOTALS	26.0	17.7	7.9	1.6	.5	.2			

TOTAL NUMBER OF OBSERVATIONS   930

B

C - 4 - 7

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: JAN   HOURS: 18-20

KNOTS

30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.0	4.8	4.0
					6.6	4.4	4.0
					3.5	3.6	3.0
					1.2	3.2	3.0
					1.6	3.3	3.0
					6.3	4.7	4.0
					17.2	6.8	5.0
					12.2	8.0	8.0
					1.9	5.5	3.5
					.6	2.8	2.0
					.1	5.0	5.0
					.2	2.0	2.0

///////////////////////////////////// 45.9 ///////////

                                      100.0   3.2   5.0

ATIONS   930

B

C - 4 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
FROM HOURLY OBSERVATIO

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.1	.2						
020-040	2.7	1.1	.1					
050-070	1.3	.2	.3					
(E) 080-100	1.1	.3						
110-130	1.3	.1						
140-160	3.9	1.5	.3					
(S) 170-190	7.6	7.3	2.7	.6	.1			
200-220	2.5	4.0	3.1	.9				
230-250	1.8	.3	.4		.1			.1
(W) 260-280	.5	.2			.1			
290-310	.5							
320-340	.1							
VARIABLE								
CALM	//							
TOTALS	24.4	15.5	6.9	1.5	.3		.1	

TOTAL NUMBER OF OBSERVATIONS   930

A

C - 4 - 8

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: JAN   HOURS: 21-23

. . . .

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.3	3.6	4.0
						3.9	4.1	3.0
						1.3	4.3	4.0
						1.4	3.5	3.0
						1.4	3.0	3.0
						6.0	4.5	4.0
						18.4	6.1	5.0
						10.4	7.3	3.0
	.1					2.3	5.2	3.0
						.9	6.0	4.0
						.5	2.6	2.0
						.1	1.0	1.0

. . . .

/// 51.1 ////////////

| .1 | | | | | | 100.0 | 2.8 | 5.0 |

RVATIONS   930

. . . .

0

C - 4 - 8

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UIC: + 8

WIND SPEED IN KNOTS

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(DEGREES)								
(N) 350-010	2.2	.6	.1					
020-040	3.3	2.1	.3	.0				
050-070	1.8	.6	.2	.0				
(E) 080-100	1.1	.2						
110-130	1.5	.2						
140-160	3.6	1.6	.3	.0				
(S) 170-190	7.2	5.7	2.7	.6	.1	.0		
200-220	2.8	4.0	3.9	.9	.1	.0		
230-250	1.5	.7	.7	.2	.1	.0	.0	
(W) 260-280	.3	.1	.0		.0			
290-310	.5	.1						
320-340	.9	.1						
VARIABLE								
CALM	///							
TOTALS	27.3	16.0	8.2	1.7	.3			

TOTAL NUMBER OF OBSERVATIONS 7440

A

C - 4 - 9

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                    MONTH: JAN   HOURS: ALL
....
) IN KNOTS
-29 30-34 35-39 40-49 50-54 GE 55   TOTAL MEAN   MEDIAN
....
                                           %   WIND   WIND
....
                                          2.9   3.3   3.0

                                          5.7   4.5   4.0

                                          2.5   3.9   3.0

                                          1.3   3.0   3.0

                                          1.6   2.9   2.0

                                          5.5   4.3   4.0
.0   15.3   6.2   5.0
.0   11.9   8.4   8.0
.0   .0   3.3   6.8   5.0

                                          1.0   3.5   2.0

                                           .6   2.6   2.0

                                           .9   2.6   2.0
....

// 46.4 ////////////

                                        100.0   3.1   4.0

RVATIONS 7440
....

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE
                                       AND/IR

                VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES

                                              WIND SPEED IN KNOTS
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	2.3	.4	.1						
020-040	4.7	1.5							
051-070	2.2	.2							
(E) 080-100	1.2	.2							
110-130	1.7	.1							
140-160	3.7	1.1	.2						
(S) 170-190	5.7	1.1	1.3	1.1					
200-220	1.5	2.1	1.4	.2					
230-250	1.2	.3	.4			.1			
(W) 260-280	.0	.3				.1			
290-310	.3	.1							
320-340	1.3	.3							

VARIABLE

CALM   ///

| TOTALS | 27.7 | 8.3 | 3.4 | 1.3 | .2 | | | | |

                                   TOTAL NUMBER OF OBSERVATIONS 1044

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED.
ON HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: JAN   HOURS: ALL
....

T WITH VISIBILITY GE 1/2 MILE (0800 METERS).

JT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
....
ED IN KNOTS
5-29 30-34 35-39 40-49 50-64 GE 65   TOTAL MEAN MEDIAN
....
                                          %   WIND   WIND
....

	TOTAL %	MEAN WIND	MEDIAN WIND
	3.3	3.4	2.0
	5.2	3.4	3.0
	2.6	2.8	2.0
	1.4	2.7	2.0
	1.8	2.6	2.0
	5.0	3.6	3.0
	3.2	5.9	3.0
	5.3	7.2	7.0
	2.5	5.5	5.0
	1.2	4.3	2.0
	.9	2.7	2.0
	1.5	3.4	3.0

....

/// 59.1 ///////////.7

100.0 1.8 3.0

ERVATIONS 1044
....

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39
(N) 350-010	1.9	.1	.1					
020-040	1.2	.7	.1					
050-070	1.4	.4						
(E) 080-100	1.3	.5						
110-130	1.9	.5						
140-160	3.5	1.1	.5					
(S) 170-190	10.5	9.4	2.0		.1	.2	.1	
200-220	5.3	6.7	2.2	.1				
230-250	1.5	.6	1.2	.2	.1			
(W) 260-280	.6							
290-310	.4							
320-340	.5							
VARIABLE								
CALM	//
TOTALS	30.2	20.0	6.2	.3	.2	.2	.1	

TOTAL NUMBER OF OBSERVATIONS   849

A

WASHINGTON   PERIOD OF RECORD: JUN 74 - MAY 83
                          MONTH: FEB   HOURS: 00-02

D IN KNOTS

-24	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						2.1	2.9	2.0
						2.0	4.3	4.0
						1.3	3.4	3.0
						1.3	2.7	2.0
						2.4	3.3	3.0
						5.4	4.3	3.0
.2	.1					22.4	5.6	5.0
						14.4	5.1	6.0
						3.7	7.7	8.0
						.5	3.0	3.0
						.4	4.0	4.0
						.5	3.0	3.0

/// 42.9 ///////////

| .2 | .1 | | | | | 100.0 | 3.0 | 4.0 |

ERVATIONS   849

% OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                      MONTH: FEB   HOURS: 03-05

···
IN KNOTS
29 30-34 35-39 40-49 50-54 GE 65   TOTAL   MEAN   MEDIAN
                                          %   WIND   WIND
···

29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.6	4.0	2.5
						2.7	4.4	4.0
						1.3	3.3	3.0
						2.0	2.8	2.0
						2.7	3.0	2.0
						8.0	4.1	3.0
.1						23.2	5.1	4.0
						12.0	7.1	6.0
.1						4.5	7.3	6.0
						.4	10.3	5.0
						.4	6.0	4.0
						.2	2.5	2.5

···

/// 40.9 ///////////

| .2 | | | | | | 100.0 | 3.1 | 4.0 |

ERVATIONS   849
···

6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.9	.2							
020-040	1.3	.7	.1						
050-070	1.5	.1							
(E) 080-100	1.8								
110-130	1.8	.2							
140-160	4.7	2.7	.4						
(S) 170-190	9.7	9.2	3.8	.1					
200-220	4.0	5.2	3.3	.2					
230-250	1.4	.9	1.1	.2	.1				
(W) 260-280	.5	.1							
290-310	.4								
320-340									
VARIABLE									
CALM	///								
TOTALS	29.5	19.3	8.7	.5	.1				

TOTAL NUMBER OF OBSERVATIONS   849

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON	PERIOD OF RECORD:	JUN 78 - MAY 88
	MONTH: FEB	HOURS: 06-08

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.1	2.9	3.0
						2.6	4.0	3.0
						1.6	3.1	3.0
						1.8	2.5	2.0
						2.0	2.9	2.0
						7.3	4.2	3.5
						22.7	5.8	5.0
						12.7	6.9	6.5
						3.8	7.3	7.0
						.6	3.2	2.0
						.4	3.0	3.0
///////////////////////////////////////						41.9	/////////////	
						100.0	3.1	4.0

ERVATIONS   849

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.0	.9	.1					
020-040	3.1	1.8	.8					
050-070	3.3	.4						
(E) 080-100	1.8	.2						
110-130	.3	.2	.1					
140-160	3.9	2.1	.3					
(S) 170-190	5.3	7.9	3.8	.9				
200-220	4.2	7.9	6.1	.7	.2			
230-250	2.5	1.2	.5	.2				
(W) 260-280	1.1	.9	.2					
290-310	.3							
320-340	.3	.1						

VARIABLE

CALM ///

| TOTALS | 30.3 | 23.6 | 12.5 | 1.8 | .2 | | | |

TOTAL NUMBER OF OBSERVATIONS 849

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: FEB   HOURS: 09-11

● ●

D IN KNOTS

-23	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.2	4.2	3.0
						5.7	5.0	3.5
						3.7	2.5	2.0
						2.0	3.2	3.0
						1.3	4.1	2.0
						6.9	5.1	4.0
						18.4	7.0	6.5
						19.2	7.9	8.0
						4.5	5.6	4.0
						2.2	4.8	5.0
						.8	2.1	2.0
						1.1	2.7	2.0

● ●

/// 31.2 ///////////

| | | | | | | 100.0 | 4.2 | 5.0 |

ERVATIONS   849

● ●

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	5.5	3.3	.5	.4					
020-040	5.4	4.2	.5	.4					
050-070	2.8	.5							
(E) 080-100	.5								
110-130	.5	.2	.1						
140-160	1.8	1.6	.2	.1					
(S) 170-190	2.5	3.9	4.2	1.5	.2				
200-220	2.3	6.7	10.0	1.3	.2				
230-250	2.1	3.5	2.8	1.3					
(W) 260-280	2.6	.9	.7	.1					
290-310	2.2	.1	.1						
320-340	3.2	.5							
VARIABLE									
CALM	///.
TOTALS	33.1	26.0	19.1	5.1	.4				

TOTAL NUMBER OF OBSERVATIONS 849

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: FEB   HOURS: 12-14

. . . .
  IN KNOTS
29   30-34   35-39   40-49   50-64   GE 65   TOTAL   MEAN   MEDIAN
                                               %   WIND   WIND
. . . .

29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						10.2	4.3	4.0
						11.4	4.3	4.0
						3.3	3.1	3.0
						.5	2.5	2.5
						.9	4.1	3.0
						3.3	5.3	5.5
						12.4	9.2	9.0
						21.2	9.4	10.0
						9.3	8.5	8.0
						4.4	5.0	4.0
						2.5	3.3	3.0
						3.7	2.9	2.0

. . . .

// 16.0 ///////////////

                                               100.0   5.8   4.0

ERVATIONS   849
. . . .

6

C - 4 - 15

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIO

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.4	3.4	.7	.5				
020-040	7.2	5.5	.8	.1	.1			
050-070	2.1	.4						
(E) 080-100	.3	.1						
110-130	1.5	.1	.1					
140-160	2.7	1.3						
(S) 170-190	3.1	6.1	3.5	.5	.1			
200-220	3.2	9.3	5.5	1.1				
230-250	2.0	3.4	2.6	.7				
(W) 260-280	2.1	1.6	.9	.1				
290-310	1.4	.5						
320-340	2.2	.6						

VARIABLE

CALM   ///

TOTALS	33.3	32.8	14.1	3.0	.2

TOTAL NUMBER OF OBSERVATIONS   849

4

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: FEB   HOURS: 15-17

....

D IN KNOTS -29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						10.0	5.1	4.0
						13.8	5.0	4.0
						2.5	2.3	2.0
						1.1	3.0	3.0
						1.8	3.3	3.0
						4.5	4.2	4.0
						13.3	7.6	7.0
						19.1	8.3	8.0
						8.7	7.9	8.0
						4.8	6.2	5.0
						1.9	3.1	2.5
						2.8	3.3	3.0

....

/// 15.8 ////////////

| | | 100.0 | 5.3 | 6.0 |

OBSERVATIONS   849

....

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

. . . .
                                                    WIND SPEED IN KNOTS
DIRECTION   1-4   5-9   10-14   15-19   20-24   25-29   30-34   35-39
(DEGREES)
. . . .

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.4	.9	.2					
020-040	5.7	1.9	.2					
050-070	1.5	.6						
(E) 080-100	1.6	.2						
110-130	1.4							
140-160	4.6	2.0	.1					
(S) 170-190	9.2	9.2	2.1	.2				
200-220	3.7	5.1	3.8	1.1				
230-250	2.0	2.1	1.1	.2	.1			
(W) 260-280	.7	.2	.1					
290-310		.2	.1					
320-340	.3							

. . . .
VARIABLE

CALM   ///.

TOTALS   35.6   23.4   7.7   1.5   .1

                            TOTAL NUMBER OF OBSERVATIONS   849
. . . .

A

WASHINGTON   PERIOD OF RECORD. JUN 78 - MAY 88
                      MONTH: FEB   HOURS: 18-20

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						4.6	4.1	4.0
						8.3	3.6	3.0
						2.1	3.3	3.0
						1.3	3.1	3.5
						1.4	2.5	2.0
						5.7	3.9	3.0
						20.7	5.6	5.0
						14.6	7.6	7.0
						5.5	7.0	6.0
						1.1	4.3	4.0
						.4	8.3	9.0
						.8	2.4	2.0

/// 31.3 ///////////////

| | | | | | | 100.0 | 3.7 | 4.0 |

ERVATIONS   849

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATION

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: +8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.1		.1						
020-040	3.4	1.4	.1						
050-070	1.5	.7							
(E) 080-100	1.3								
110-130	2.7	.1							
140-160	4.4	2.0	.1						
(S) 170-190	3.3	3.4	2.2	.5					
200-220	4.2	5.0	3.2	.7					
230-250	.9	1.2	.3	.2					
(W) 260-280	.9	.2							
290-310	.5								
320-340	.1								

VARIABLE

CALM ///

| TOTALS | 31.4 | 20.0 | 6.5 | 1.4 | | | | | |

                      TOTAL NUMBER OF OBSERVATIONS   349

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                    MONTH: FEB   HOURS: 21-23

D IN KNOTS

)-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.2	2.8	1.5
						4.9	3.7	4.0
						2.2	3.4	4.0
						1.8	2.9	3.0
						2.8	2.6	2.0
						6.5	3.7	3.0
						21.0	5.4	5.0
						14.1	7.0	7.0
						3.2	7.5	3.0
						1.2	2.3	2.0
						.5	1.8	1.5
						.1	1.0	1.0
///						40.5	/////////////	
						100.0	3.1	4.0

SERVATIONS   849

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39
(DEGREES)								
(N) 350-010	2.3	1.2	.3	.1				
020-040	3.9	2.2	.4	.1	.0			
050-070	1.9	.4						
(E) 080-100	1.4	.1	.0					
110-130	1.6	.2	.0					
140-160	3.9	1.3	.3	.0				
(S) 170-190	7.9	7.3	3.0	.5	.1	.0	.0	
200-220	3.9	6.5	4.5	.7	.1			
230-250	1.3	1.8	1.4	.4	.1	.0		
(W) 260-280	1.1	.5	.3	.0	.0			
290-310	.7	.1	.0					
320-340	1.0	.1						
VARIABLE								
CALM	//							
TOTALS	31.9	22.9	10.3	1.8	.3			

TOTAL NUMBER OF OBSERVATIONS 6732

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: FEB   HOURS: ALL
....
 IN KNOTS
29 30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
....
                                          %   WIND   WIND
....
                                         4.4   4.4   4.0

                                         6.5   4.5   4.0

                                         2.3   3.1   3.0

                                         1.6   2.9   3.0

                                         1.9   3.1   2.0

                                         6.2   4.3   4.0

.2   .0   19.3   6.1   5.0

                                        15.9   7.7   8.0

.0   5.5   7.5   7.0

                                         1.9   5.1   4.0

                                          .9   3.4   3.0

                                         1.1   2.9   2.5

....

/// 32.6 ///////////////

                                        100.0   3.9   5.0

ERVATIONS 6732
....

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY G
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILE

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.0	1.0						
020-040	4.1	3.5						
050-070	1.6	.3						
(E) 080-100	1.1							
110-130	1.4	.2						
140-160	3.5	.2						
(S) 170-190	4.3	1.7	.5					
200-220	4.5	5.5	2.5	.5	.2			
230-250	2.7	1.7	.5	.2				
(W) 260-280	.6	.8	.3					
290-310	.6	.3						
320-340	.3	.2						
VARIABLE								
CALM	///							
TOTALS	29.2	15.5	3.8	.7	.2			

TOTAL NUMBER OF OBSERVATIONS 629

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 79 - MAY 88
                          MONTH: FEB   HOURS: ALL
....

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

T LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
....
D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
						%	WIND	WIND
						4.9	3.1	2.0
						7.6	4.1	4.0
						1.9	2.7	2.5
						1.1	2.6	2.0
						1.6	2.6	2.0
						3.7	2.4	2.0
						7.0	3.8	2.5
						13.2	5.7	6.0
						5.1	5.3	4.0
						1.7	6.5	6.0
						1.0	3.7	3.5
						.5	3.3	3.0

....

// 50.7 ////////////

100.0	2.3	4.0

SERVATIONS   629
....

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: MAR   HOURS: 00-02

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.1	4.5	3.0
						2.2	4.4	3.5
						.5	1.6	2.0
						1.1	2.1	2.0
						1.8	3.1	3.0
						7.7	3.6	3.0
						28.1	4.1	3.0
						11.2	6.0	6.0
						1.9	7.2	7.0
						.5	6.6	6.0
						.2	8.5	8.5
						.5	2.6	2.0

/// 43.1 ///////////

                     100.0   2.6   4.0

ERVATIONS   930

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATI

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.3	.5						
020-040	.6	.5	.1					
050-070	1.0		.1					
(E) 080-100	.6	.2						
110-130	1.6	.1						
140-160	4.8	1.5	.5					
(S) 170-190	16.8	8.1	1.1	.2				
200-220	3.3	4.4	2.3					
230-250	1.0	.2	.5	.1				
(W) 260-280	.2	.1						
290-310	.2	.2						
320-340	.6	.1						
VARIABLE								
CALM	///							
TOTALS	31.0	16.0	4.6	.3				

TOTAL NUMBER OF OBSERVATIONS   930

A

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: MAR   HOURS: 03-05

SPEED IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.9	4.8	5.0
						1.3	5.6	5.0
						1.1	3.0	2.0
						.9	3.0	2.5
						1.7	2.9	3.0
						7.0	4.1	3.0
						26.1	4.2	3.0
						10.0	6.7	7.0
						1.3	6.7	4.0
						.3	3.7	2.0
						.4	4.8	4.5
						.3	3.1	2.0
///////////////////////////////////////						47.7	///////////	
						100.0	2.5	4.0

OBSERVATIONS   930

C - 4 - 22

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
				WIND SPEED IN KNOTS				
(N) 350-010	.9	.1	.2					
020-040	1.4	.5	.5		.1			
050-070	.5	.1						
(E) 080-100	1.0							
110-130	1.3	.1						
140-160	4.8	2.2	.3					
(S) 170-190	14.7	8.1	1.7		.1			
200-220	3.0	4.5	2.2	.3		.1		
230-250	1.9	.5	.4	.1				
(W) 260-280	1.0		.1					
290-310	.2	.1						
320-340	.3	.1						

VARIABLE

CALM   ///

| TOTALS | 31.1 | 16.3 | 5.4 | .4 | .2 | .1 | | |

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

| WASHINGTON | | PERIOD OF RECORD: JUN 78 - MAY 88 |
| | | MONTH: MAR   HOURS: 06-08 |

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.2	4.2	4.0
						2.6	5.8	4.0
						.3	2.6	2.0
						1.0	2.8	2.0
						1.4	2.1	2.0
						7.3	4.0	3.0
						24.6	4.7	4.0
.1						10.1	7.0	7.0
						3.0	5.0	3.0
						1.1	2.9	2.0
						.3	3.7	4.0
						.4	2.3	1.5

////////////////////////////////////// 46.2 ///////////

| .1 | | | | | | 100.0 | 2.6 | 4.0 |

ERVATIONS   930

β

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURF
FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	HIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.9	1.3	.4					
020-040	3.4	3.2	1.1					
050-070	1.3	.2	.1	.1	.1			
(E) 080-100	1.2	.1						
110-130	1.1	.4	.2					
140-160	3.4	2.8	.4					
(S) 170-190	4.8	5.8	3.7	.2	.1			
200-220	5.5	7.5	5.5	.5				
230-250	4.1	2.9	1.3	.3				
(W) 260-280	2.5	1.0	.4	.1				
290-310	.4	.3	.1					
320-340	1.5	.1						
VARIABLE								
CALM	///
TOTAL	34.1	27.1	13.2	1.2	.2			

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                    MONTH: MAR   HOURS: 09-11

....

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.2	4.0	3.0
						7.7	5.3	5.0
						1.8	5.5	4.0
						1.3	3.0	3.0
						1.7	4.1	3.0
						6.7	5.0	4.0
						15.6	6.9	5.0
						19.0	7.1	7.0
						8.5	5.8	5.5
						4.0	4.9	4.0
						.9	4.8	4.5
						1.6	2.7	2.0

....

/// 23.9 ///////////

| | | | | | | 100.0 | 4.4 | 5.0 |

ERVATIONS   930

....

C - 4 - 24

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI.

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	7.0	5.3	1.2					
020-040	4.4	4.3	1.5					
050-070	.5	.3	.1	.1	.1			
(E) 080-100	.3							
110-130	1.0	.4		.1				
140-160	1.6	1.7	.6					
(S) 170-190	2.3	4.9	4.0	.6	.3			
200-220	3.4	3.4	5.0	1.0				
230-250	2.3	4.3	3.9	.9				
(W) 260-280	3.5	1.7	.5	.2				
290-310	3.3	.9	.1					
320-340	3.3	1.6						

VARIABLE

CALM //

TOTALS	34.5	34.3	17.9	2.9	.4

TOTAL NUMBER OF OBSERVATIONS 930

A

C - 4 - 25

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

| WASHINGTON | PERIOD OF RECORD: JUN 73 – MAY 83 |
| | MONTH: MAR   HOURS: 12-14 |

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						13.4	5.0	4.0
						10.2	5.5	5.0
						1.2	7.3	5.0
						.9	2.5	2.0
						1.5	4.1	2.0
						4.0	5.8	6.0
						12.7	8.1	8.0
						18.3	3.2	3.0
						12.4	3.1	9.0
						6.0	5.2	4.0
						4.3	3.4	3.0
						4.9	3.6	3.5

/ / ///////////////////////////////////// 9.7 ///////////

| | | | | | | 100.0 | 5.9 | 6.0 |

SERVATIONS   930

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39
(N) 350-010	4.1	5.4	1.5					
020-040	4.3	5.9	1.9	.1				
050-070	1.8	.3	.1	.1				
(E) 080-100	.5	.1						
110-130	1.0	.1	.1	.1				
140-160	.9	2.3	.3	.2				
(S) 170-190	2.6	5.8	3.1		.3			
200-220	2.4	6.8	5.6	.8	.1			
230-250	3.5	3.5	3.8	.9				
(W) 260-280	3.2	3.9	1.9	.1	.1			
290-310	4.0	1.4	.6					
320-340	3.4	1.1						

VARIABLE

CALM   //

TOTALS	31.8	36.6	19.0	2.3	.5

TOTAL NUMBER OF OBSERVATIONS   930

A

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: MAR   HOURS: 15-17

. . . .
D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL X	MEAN WIND	MEDIAN WIND
. . . .								
						11.1	5.8	6.0
						12.3	6.2	6.0
						2.4	3.8	2.5
						.8	2.9	2.0
						1.3	4.6	3.0
						3.7	6.2	6.0
						11.3	7.6	7.5
						15.6	8.4	8.0
						11.7	7.3	8.0
						9.2	6.6	6.0
						6.0	4.6	4.0
						4.5	3.5	3.0

. . . .

/// 9.7 ////////////

                                           100.0   6.0   6.0

ERVATIONS   930

. . . .

6

PERCENT OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: MAR   HOURS: 18-20
••
SPEED IN KNOTS
5-29   30-34   35-39   40-49   50-64   GE 65   TOTAL   MEAN   MEDIAN
                                                 %   WIND   WIND
••

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						4.6	4.7	4.0
						11.7	4.1	4.0
						2.0	2.7	2.0
						1.5	3.0	2.0
						2.3	2.7	2.0
						7.1	3.7	3.0
						14.6	5.7	5.0
						14.3	6.7	6.0
						7.7	7.0	7.0
						4.3	5.1	4.0
						3.1	3.6	2.0
						1.1	3.2	2.5

••

/// 25.6 ///////////////

                                           100.0   3.8   4.0

OBSERVATIONS   930
••

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.0	.3	.1					
020-040	2.6	.9	.2					
050-070	1.5							
(E) 080-100	1.4	.2						
110-130	1.5	.1						
140-150	6.9	1.8	.1					
(S) 170-190	14.8	7.4	1.5	.1				
200-220	4.8	5.5	2.0					
230-250	2.8	1.2	.5	.1				
(W) 260-280	.8	.1	.2					
290-310	.5	.1						
320-340	.2	.1						
VARIABLE								
CALM	///
TOTALS	38.8	17.7	4.6	.2				

TOTAL NUMBER OF OBSERVATIONS   930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 89
                    MONTH: MAR   HOURS: 21-23

. . . .
L IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
. . . .								
						1.4	4.2	3.0
						3.7	3.7	3.0
						1.5	1.9	2.0
						1.6	2.5	2.0
						1.6	2.9	2.0
						8.8	3.3	2.5
						23.9	4.5	4.0
						12.4	6.0	6.0
						4.5	5.0	3.0
						1.1	4.5	2.5
						.6	2.7	2.0
						.3	4.0	2.0

. . . .

/// 38.5 ////////////

                                          100.0   2.7   4.0

ERVATIONS   930

. . . .

b

C - 4 - 28

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39
(DEGREES)								
(N) 350-010	2.7	1.9	.5					
020-040	3.2	2.5	.7	.0	.0			
050-070	1.1	.1	.1	.0	.0			
(E) 080-100	1.0	.1	.0					
110-130	1.4	.2	.0	.0				
140-160	4.2	2.0	.3	.0				
(S) 170-190	10.3	6.8	2.2	.2	.1			
200-220	4.0	5.1	3.5	.4	.0	.0		
230-250	2.4	2.1	1.6	.3				
(W) 260-280	1.7	1.1	.5	.1	.0			
290-310	1.4	.5	.1					
320-340	1.3	.5						

VARIABLE

CALM   ///////////. //////////////////////////////////////

TOTALS   34.7   23.9   9.5   1.0   .1

TOTAL NUMBER OF OBSERVATIONS 7440

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                      MONTH: MAR   HOURS: ALL
. . . .
IN KNOTS

29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
						%	WIND	WIND
						5.1	5.0	4.0
						6.5	5.2	4.5
						1.4	3.7	2.0
						1.1	2.7	2.0
						1.7	3.3	2.0
						6.5	4.2	4.0
						19.7	5.3	4.0
.0						13.9	7.1	7.0
						6.5	6.9	6.0
						3.3	5.5	4.0
						2.0	4.0	4.0
						1.8	3.3	3.0

. . . .

/// 30.5 ////////////

                                          100.0   3.8   5.0

ERVATIONS 7440
. . . .

Ɔ

C - 4 - 29

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LSI TO UTC: +8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY
AND/OR
VISIBILITY GE 1/2 MILE (0300 METERS) BUT LESS THAN 3 MI

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.3	1.7	.5					
020-040	4.3	2.6	.2					
050-070	3.1	.2						
(E) 080-100	1.0							
110-130	1.7							
140-160	1.2		.5					
(S) 170-190	7.0	2.2	.7					
200-220	2.6	4.6	2.9					
230-250	3.6	1.4	.5					
(W) 260-280	1.7	2.2	.5					
290-310	1.4	.7	.2					
320-340	1.9	.5						

VARIABLE

CALM ///

TOTALS 33.8 16.1 6.0

TOTAL NUMBER OF OBSERVATIONS 416

A

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                    MONTH: MAR   HOURS: ALL
....

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

T LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
....
D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						6.5	3.9	2.0
						7.2	4.8	4.0
						3.4	2.1	2.0
						1.0	2.3	2.0
						1.7	1.7	2.0
						1.7	4.3	2.0
						9.9	3.7	2.0
						10.1	7.1	6.0
						5.5	4.1	3.0
						4.3	5.6	5.0
						2.4	4.7	3.5
						2.4	3.1	2.5

....

// 44.0 //////////////

                                            100.0   2.5   3.0

RVATIONS   415
....

6

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SUR!
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVAT

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.6	.2						
020-040	1.4	.4						
050-070	.7	.1						
(E) 080-100	.1							
110-130	.7							
140-160	5.7	1.3	.3					
(S) 170-190	21.0	9.2	1.0					
200-220	4.9	6.6	1.7	.4				
230-250	1.6	.3						
(W) 260-280	1.1	.2	.1					
290-310	.5	.1						
320-340								

VARIABLE

CALM   ///

| TOTALS | 33.4 | 18.9 | 3.1 | .4 | | | | |

TOTAL NUMBER OF OBSERVATIONS   900

A

C - 4 - 31

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
' HOURLY OBSERVATION

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                     MONTH: APR   HOURS: 00-02

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.8	2.9	2.0
						1.9	2.8	2.0
						.3	2.9	3.0
						.1	1.0	1.0
						.7	1.8	2.0
						7.3	3.6	3.0
						31.2	4.0	3.0
						13.6	6.1	5.0
						2.3	3.6	3.0
						1.4	4.2	4.0
						.7	2.7	2.0

/// 39.2 ////////////

                                            100.0   2.6   4.0

ERVATIONS   900

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON

LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010								
020-040	.6	.2						
050-070	.6	.1						
(E) 080-100	.6							
110-130	1.1							
140-150	5.0	1.7		.1				
(S) 170-190	20.1	3.6	1.3	.2				
200-220	4.5	4.9	1.3	.1				
230-250	1.8	1.0	.4					
(W) 260-280	.3	.1						
290-310	.3	.1						
320-340		.1						
VARIABLE								
CALM	///							
TOTALS	35.5	16.5	3.0	.4				

TOTAL NUMBER OF OBSERVATIONS 900

A

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

FB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                       MONTH: APR   HOURS: 03-05

. . . .

SPEED IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND

. . . .

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.8	3.1	2.0
						.7	2.8	2.5
						.6	2.0	2.0
						1.1	2.1	2.0
						6.8	3.6	3.0
						30.2	4.2	4.0
						10.9	5.8	5.0
						3.2	5.0	4.0
						.9	2.5	2.0
						.4	3.5	2.0
						.1	5.0	5.0

. . . .

/// 44.3 ////////////

                                               100.0   2.4   4.0

OBSERVATIONS 900

. . . .

C - 4 - 32

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                             LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.7	.3	.1					
020-040	2.2	1.1	.1					
050-070	1.0	.7						
(E) 080-100	.3	.1						
110-130	.3	.1						
140-160	3.7	1.5	.1					
(S) 170-190	14.2	10.0	1.7					
200-220	4.3	7.0	3.4	.3				
230-250	2.6	1.6						
(W) 260-280	.6	.2	.1					
290-310	.3							
320-340	.1							

VARIABLE

CALM //

TOTALS	30.3	22.7	5.5	.3

TOTAL NUMBER OF OBSERVATIONS   900

A

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                    MONTH: APR   HOURS: 06-08

....

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.1	3.9	3.5
						3.4	3.8	3.0
						1.7	3.5	3.0
						.9	2.9	2.5
						.4	3.0	2.5
						5.3	3.8	3.5
						25.9	4.7	4.0
						15.1	6.8	5.0
						4.1	4.2	4.0
						.9	5.0	4.0
						.3	2.7	2.0
						.1	1.0	1.0

....

/// 40.7 ////////////

                                               100.0   2.9   4.0

SERVATIONS   900

....

O

C - 4 - 33

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.7	4.7	.7	.1				
020-040	4.3	4.0	.6					
050-070	1.4	.3						
(E) 080-100	.5							
110-130	.1	.1						
140-160	1.0	1.0	.4					
(S) 170-190	3.0	6.6	3.0					
200-220	4.1	10.4	7.6	.2	.1			
230-250	4.3	5.3	2.9					
(W) 260-280	3.8	2.3	.4					
290-310	1.1	.2						
320-340	3.3	.7						
VARIABLE								
CALM	///							
TOTALS	31.7	37.6	15.6	.3	.1			

TOTAL NUMBER OF OBSERVATIONS 900

A

C - 4 - 34

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

| WASHINGTON | PERIOD OF RECORD: JUN 78 - MAY 88 |
| | MONTH: APR   HOURS: 09-11 |

. . . .

ED IN KNOTS

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						10.1	4.8	5.0
						8.9	5.0	5.0
						2.2	3.8	3.5
						.6	3.2	4.0
						.2	3.5	3.5
						2.4	5.7	5.0
						12.6	7.1	7.0
						22.4	8.0	9.0
						14.0	6.4	6.0
						5.6	4.7	4.0
						1.3	2.9	2.0
						4.0	2.9	2.0

. . . .

/////////////////////////////////// ///////// 14.7 ///////////

| | | | | | | 100.0 | 5.2 | 6.0 |

SERVATIONS   900

. . . .

C - 4 - 34

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	6.1	8.3	1.8					
020-040	3.5	4.9	.3					
050-070	1.0	.2						
(E) 080-100		.2						
110-130	.1	.1						
140-160	.4	1.2	.3					
(S) 170-190	1.7	3.9	2.8	.4				
200-220	2.3	8.5	7.7	1.1	.1			
230-250	3.2	5.2	5.4	.3	.1			
(W) 260-280	3.0	4.1	1.6	.4	.1			
290-310	2.5	1.8	.4					
320-340	4.8	2.8						
VARIABLE								
CALM	//							
TOTALS	29.8	42.3	20.8	2.7	.3			

TOTAL NUMBER OF OBSERVATIONS   900

A

JF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                     MONTH: APR   HOURS: 12-14

....

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						16.2	5.6	5.0
						9.2	5.5	5.0
						1.2	2.8	2.0
						.2	6.0	6.0
						.2	5.5	5.5
						2.0	6.6	6.5
						8.8	8.2	8.0
						19.8	8.9	9.0
						15.3	8.2	8.0
						9.2	6.8	5.0
						4.8	4.6	4.0
						7.5	4.0	4.0

....

/// 5.0 ////////////

                                              100.0   6.5   6.0

SERVATIONS   900

STATION NUMBER: 742060　　　STATION NAME: MCCHORD AFB WASHINGTON
　　　　　　　　　　　　　　　　LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.3	6.8	2.8	.1				
020-040	3.5	5.4	.7					
050-070	.8	.7						
(E) 080-100	.3							
110-130	.5	.2						
140-160	1.2	.4	.3					
(S) 170-190	1.8	5.3	2.9	.4				
200-220	2.6	6.9	4.0	.6				
230-250	3.2	5.8	4.7	.3				
(W) 260-280	4.3	6.1	3.2	.8	.1			
290-310	4.4	2.3	.3					
320-340	3.6	1.7	.1	.1				

VARIABLE

CALM　///

| TOTALS | 31.7 | 42.6 | 19.0 | 2.3 | .1 | | | |

TOTAL NUMBER OF OBSERVATIONS　900

A

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: APR   HOURS: 15-17

) IN KNOTS								
-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						15.0	6.5	6.0
						10.7	5.7	6.0
						1.4	4.5	4.0
						.3	2.0	1.0
						.3	3.7	2.0
						2.0	5.2	4.0
						10.4	7.8	8.0
						14.0	8.2	8.0
						14.0	7.8	8.0
						14.5	7.2	7.0
						7.1	4.4	4.0
						5.4	4.2	4.0

////////// //////////////////////////////// 4.2 ///////////

| | | | | | | 100.0 | 6.4 | 6.0 |

ERVATIONS   900

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SU

USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

• •
                                                  WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	3.9	4.1	.3					
020-040	7.3	5.0	.4					
050-070	2.3	.3						
(E) 080-100	.9							
110-130	.3	.1						
140-160	2.0	.6	.4					
(S) 170-190	4.5	6.9	1.6	.1				
200-220	4.0	6.3	2.0	.7				
230-250	4.0	5.7	2.1		.1			
(W) 260-280	4.9	4.7	1.4	.2				
290-310	2.7	1.2	.1					
320-340	1.7	.3						

• •
VARIABLE

CALM   ///

| TOTALS | 39.5 | 36.2 | 8.3 | 1.0 | .1 | | | |

                              TOTAL NUMBER OF OBSERVATIONS   900
• •

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: APR   HOURS: 18-20

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						8.3	5.2	5.0
						13.2	4.4	4.0
						2.7	2.3	2.0
						.9	2.0	2.0
						.9	3.4	3.5
						3.0	4.2	3.0
						13.1	5.8	6.0
						13.0	6.3	5.0
						12.3	5.5	6.0
						11.1	5.7	5.0
						4.0	4.1	4.0
						2.0	3.3	3.0

//! 14.9 ////////////

                    100.0   4.6   5.0

ERVATIONS   900

B

C - 4 - 37

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-
(N) 350-010	1.7	.2						
020-040	4.3	.9	.1					
050-070	.6							
(E) 080-100	1.1	.1						
110-130	1.2	.3						
140-160	4.9	1.5	.2	.1				
(S) 170-190	11.7	10.9	1.6	.2				
200-220	5.0	5.7	2.4	.1				
230-250	2.9	2.2	.3					
(W) 260-280	2.9	.4		.1				
290-310	1.4	.1						
320-340	.2							

VARIABLE

CALM   ///.

TOTALS	38.9	23.4	4.6	.5

TOTAL NUMBER OF OBSERVATIONS   900

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 89
                 MONTH: APR   HOURS: 21-23
....
I IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.9	3.1	3.0
						5.3	3.2	2.0
						.6	2.2	2.0
						1.2	3.2	3.0
						1.6	3.2	2.5
						5.3	3.9	3.0
						24.3	5.1	5.0
						15.2	6.0	5.0
						5.4	4.6	4.0
						3.4	3.4	3.0
						1.6	2.1	2.0
						.2	1.0	1.0

....

/// 32.4 ////////////

100.0   3.1   4.0

ERVATIONS   900
....

C - 4 - 39

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.7	3.1	.7	.0				
020-040	3.5	2.9	.3					
050-070	1.0	.4						
(E) 080-100	.5	.1						
110-130	.5	.1						
140-160	3.0	1.2	.3	.0				
(S) 170-190	9.8	7.7	2.0	.2				
200-220	4.1	7.2	3.8	.4	.0			
230-250	2.9	3.9	2.0	.1	.0			
(W) 260-280	2.7	2.3	.9	.2	.0			
290-310	1.7	.7	.1					
320-340	1.7	.7	.0	.0				

VARIABLE

CALM   ///

TOTALS   34.4   30.3   10.1   .9

TOTAL NUMBER OF OBSERVATIONS 7200

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

| B WASHINGTON | PERIOD OF RECORD: JUN 78 - MAY 88 |
| | MONTH: APR   HOURS: ALL |

....

EED IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
						%	WIND	WIND

....

						6.7	5.5	5.0
						6.7	4.7	4.0
						1.4	3.3	3.0
						.6	2.8	2.0
						.7	3.0	2.0
						4.5	4.1	3.0
						19.6	5.2	5.0
						15.5	7.2	7.0
						9.0	6.7	6.0
						6.0	6.0	5.0
						2.5	4.0	4.0
						2.4	3.7	3.0

....

/// 24.4 ///////////

| | | | | | | 100.0 | 4.2 | 5.0 |

OBSERVATIONS 7200

....

0

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SL
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                       LST TO UTC: + 8

· ·

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY
                             AND/OR
               VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MI

· ·

				WIND SPEED IN KNOTS				
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	1.6	2.0						
020-040	4.9	2.4						
050-070	1.6	.8						
(E) 080-100	1.2							
110-130								
140-160	.8							
(S) 170-190	7.3	2.9	1.2					
200-220	7.3	5.3	3.7		.4			
230-250	6.3	4.1	.8					
(W) 260-280	3.3	.8						
290-310	1.6	.4						
320-340	.8							
VARIABLE								
CALM	///							
TOTALS	37.3	13.7	5.7		.4			

                          TOTAL NUMBER OF OBSERVATIONS   245

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                    MONTH: APR   HOURS: ALL

. . . .

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

T LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
. . . .
D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.7	4.2	5.0
						7.3	3.9	4.0
						2.4	3.5	3.0
						1.2	2.7	3.0
						.8	2.0	2.0
						11.4	4.5	3.5
						17.1	6.4	6.0
						11.8	4.1	3.0
						4.1	3.3	2.5
						2.0	3.6	3.0
						.8	1.5	1.5

. . . .

// 37.1 ////////////

                              100.0   2.9   4.0

ERVATIONS   245
. . . .

6

C - 4 - 40

OPERATING LOCATION "A"　　　　PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC　　　　　　　　　　　FROM HOURLY OBSERVA

STATION NUMBER: 742060　　STATION NAME: MCCHORD AFB WASHINGTON
　　　　　　　　　　　　　　　LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.2							
020-040	.9	.1						
050-070	.4							
(E) 080-100	.4							
110-130	.3							
140-160	5.0	.3						
(S) 170-190	19.7	4.7	.1					
200-220	3.9	5.1	.2					
230-250	2.7	.3	.1					
(W) 260-280	1.3	.2						
290-310	1.3	.1						
320-340	.1							
VARIABLE								
CALM	///
TOTALS	43.7	11.4	.4					

TOTAL NUMBER OF OBSERVATIONS　930

_A_

C - 4 -

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                    MONTH: MAY   HOURS: 00-02

....

ED IN KNOTS

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.2	2.5	2.5
						1.0	2.4	2.0
						.4	1.5	1.5
						.4	2.0	2.0
						.8	2.1	2.0
						5.3	2.3	2.0
						24.5	3.3	3.0
						14.2	4.3	4.0
						3.7	3.9	4.0
						2.0	2.5	2.0
						1.4	2.3	2.0
						.1	2.0	2.0

....

/// 44.5 ///////////

                                      100.0   1.9   3.0

SERVATIONS   930

....

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.3							
020-040	.4							
050-070	.3							
(E) 080-100	.3	.1						
110-130	.9							
140-160	5.2	1.0						
(S) 170-190	19.0	4.3	.3					
200-220	7.0	5.2	.2					
230-250	2.2	.6	.1					
(W) 260-280	1.0	.2						
290-310	.1							
320-340	.8							

VARIABLE

CALM ///

TOTALS   37.5   11.4   .6

TOTAL NUMBER OF OBSERVATIONS   930

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                   MONTH: MAY   HOURS: 03-05

••
 IN KNOTS
29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.3	1.7	2.0
						.4	1.5	1.5
						.3	2.0	1.0
						.4	2.3	1.0
						.9	2.1	2.0
						6.1	2.9	2.0
						23.7	3.2	3.0
						12.4	4.5	4.0
						2.3	3.6	3.0
						1.2	3.2	2.0
						.1	1.0	1.0
						.8	2.6	2.0

••

/// 50.5 ///////////

                                100.0   1.7   3.

ERVATIONS   930

••

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3'
(N) 350-010	1.7	.4						
020-040	2.4	1.1						
050-070	.6							
(E) 080-100	.4	.1						
110-130	.3	.1						
140-160	2.9	.6	.2					
(S) 170-190	11.2	7.4	.6					
200-220	9.5	7.6	1.5	.1				
230-250	4.0	2.5	.2					
(W) 260-280	2.5	.5						
290-310	.9	.1						
320-340	.8							
VARIABLE								
CALM	///							
TOTALS	37.3	20.4	2.5	.1				

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: MAY   HOURS: 06-08

....

IN KNOTS
-29 30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
                                           %   WIND   WIND
....
                                          2.2   2.5   2.0

                                          3.4   3.7   3.0

                                           .6   2.0   2.0

                                           .5   3.0   2.0

                                           .4   3.0   2.5

                                          3.3   3.6   2.0

                                         19.2   4.4   4.0

                                         18.7   5.0   4.0

                                          6.7   4.3   4.0

                                          3.1   3.4   3.0

                                          1.0   2.6   2.0

                                           .8   2.3   2.0

....

// 39.5 ///////////

                                        100.0   2.6   4.0

OBSERVATIONS   930
....

D

C - 4 - 43

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	3.1	3.7	.4					
020-040	3.3	3.1	.3					
050-070	.3	.2						
(E) 080-100	.5	.1						
110-130	.4							
140-160	1.2	.5	.1					
(S) 170-190	3.3	4.0	1.6	.1				
200-220	5.5	3.1	3.3					
230-250	6.2	5.5	1.7	.3	.2			
(W) 260-280	7.3	2.9	.2					
290-310	4.3	.8						
320-340	4.7	.5						
VARIABLE								
CALM	//							
TOTALS	47.4	29.5	7.6	.4	.2			

TOTAL NUMBER OF OBSERVATIONS   930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

.SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: MAY   HOURS: 09-11

IN KNOTS

?9 30-34	35-39	40-49	50-64	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					12.2	4.2	4.0
					7.2	4.3	4.0
					1.1	2.9	2.0
					.8	2.6	2.0
					.4	2.3	2.0
					1.8	3.5	3.0
					9.6	6.0	5.0
					15.9	6.3	6.0
					14.0	5.7	5.0
					10.4	3.9	4.0
					5.6	2.6	2.0
					5.4	2.9	2.5

/// 14.7 //////////////

                   100.0   4.1   4.0

ERVATIONS   930

PERCENTAGE FREQUENCY OF OCCURRENCE SURF
FROM HOURLY OBSERVATI

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	6.0	5.3	.9					
020-040	4.3	5.1	.6					
050-070	1.7	.4	.1					
(E) 080-100	.3	.3						
110-130	1.1							
140-160	.9	.2			.1			
(S) 170-190	2.3	2.3	.9	.2				
200-220	4.1	.6	2.9	.3				
230-250	4.3	3.1	2.2	.3				
(W) 260-280	6.2	5.4	1.1	.5				
290-310	5.9	3.1	.6					
320-340	6.2	3.0	.3					
VARIABLE								
CALM	///							
TOTALS	44.3	37.8	9.6	1.8	.1			

TOTAL NUMBER OF OBSERVATIONS   930

A

| WASHINGTON | | | PERIOD OF RECORD: JUN 73 - MAY 89 |
| | | | MONTH: MAY   HOURS: 12-14 |

....

D IN KNOTS								
-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND

... .

						12.2	4.9	5.0
						10.0	5.3	5.0
						2.3	3.2	2.0
						1.1	3.4	2.0
						1.1	2.3	2.0
						1.2	5.4	4.0
						5.6	6.4	6.0
						11.9	6.7	7.0
						15.3	6.8	6.0
						13.2	5.5	5.0
						9.7	4.5	4.0
						7.5	4.0	4.0

....

/////////////////////////////////////// 6.5 ///////////

| | | | | | | 100.0 | 5.1 | 5.0 |

.ERVATIONS   930

....

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

| | | | WIND SPEED IN KNOTS | | | | |
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.4	5.7	1.2					
020-040	4.6	5.9	.9					
050-070	1.6	.4						
(E) 080-100	.5							
110-130	.4	.3						
140-160	1.7	.3						
(S) 170-190	1.7	1.3	.4	.2				
200-220	3.0	4.4	1.9	.2				
230-250	4.5	5.0	2.7	1.2	.1			
(W) 260-280	5.3	5.3	2.3	.4	.1			
290-310	5.3	4.7	.3					
320-340	5.5	2.3	.2					

VARIABLE

CALM   //

| TOTALS | 41.5 | 40.2 | 9.9 | 2.0 | .2 | | | |

TOTAL NUMBER OF OBSERVATIONS   928

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUL 73 - MAY 83
                    MONTH: MAY   HOURS: 15-17

. . . .
ED IN KNOTS

5-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						12.3	5.3	5.0
						11.4	5.3	5.0
						2.2	3.4	3.0
						.5	3.0	3.0
						.8	3.7	4.0
						2.5	4.1	3.0
						4.2	5.1	5.0
						9.6	6.6	5.0
						13.5	7.5	6.0
						17.3	6.3	6.0
						11.3	4.7	4.0
						3.2	4.3	4.0

. . . .

/////////////// ////////////////////   5.9   ///////////

| | | | | | | 100.0 | 5.4 | 5.0 |

SERVATIONS   928

. . . .

6

STATION NUMBER: 742050 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.9	4.1	.2					
020-040	5.3	5.0	.3					
050-070	2.2	.1						
(E) 080-100	.6							
110-130	.6							
140-160	2.3	1.0						
(S) 170-190	3.2	2.4	.2	.2				
200-220	3.3	3.7	1.2					
230-240	5.0	6.4	2.4	.1				
(W) 250-280	9.5	10.0	1.1	.1				
290-310	5.5	1.7	.3					
320-340	1.8	.3	.1					
VARIABLE								
CALM	///							
TOTALS	46.1	35.3	5.8	.4				

TOTAL NUMBER OF OBSERVATIONS 927

β

C - 4 - 47

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                    MONTH: MAY   HOURS: 18-20

....

ED IN KNOTS
5-29 30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
                                            %   WIND   WIND

....

						TOTAL %	MEAN WIND	MEDIAN WIND
						3.2	4.3	5.0
						12.1	4.4	4.0
						2.3	3.3	3.0
						.6	2.5	2.0
						.5	2.2	2.0
						3.2	3.7	4.0
						5.0	5.0	4.0
						8.6	5.5	5.0
						13.3	5.3	6.0
						20.7	5.2	5.0
						3.5	3.6	3.0
						2.3	3.6	3.0

....

/// 12.5 ///////////

                                           100.0   4.3   4.0

OBSERVATIONS   927

....

β

C - 4 - 47

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURI
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

| | | WIND SPEED IN KNOTS | | | | | | |
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.3	.3						
020-040	4.1	.4						
050-070	.5							
(E) 080-100	.6							
110-130	.4							
140-160	5.0	.5						
(S) 170-190	10.2	2.6	.2	.1				
200-220	7.9	5.7	.3					
230-250	7.7	2.4	.4					
(W) 260-280	5.2	1.2						
290-310	2.7	.3	.1					
320-340	.4	.1						

VARIABLE

CALM   ///

TOTALS   46.6   15.0   1.5   .1

                    TOTAL NUMBER OF OBSERVATIONS   927

A

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                    MONTH: MAY   HOURS: 21-23

. . . .

ED IN KNOTS

5-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						2.2	3.0	3.0
						4.5	2.9	3.0
						.5	3.0	3.0
						.6	1.3	1.0
						.4	2.0	2.0
						5.5	2.7	2.0
						13.2	3.6	3.0
						15.3	4.3	4.0
						10.5	3.5	3.0
						6.4	3.1	3.0
						3.5	3.3	3.0
						.5	3.2	3.0

. . . .

/// 36.7 ////////////

| | | | | | | 100.0 | 2.3 | 3.0 |

SERVATIONS   927

. . . .

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39
(DEGREES)								
(N) 350-010	3.4	2.4	.3					
020-040	3.4	2.5	.3					
050-070	1.0	.1	.0					
(E) 080-100	.5	.1						
110-130	.5	.1						
140-160	3.2	.5	.0		.0			
(S) 170-190	8.9	3.7	.5	.1				
200-220	6.2	5.7	1.5	.1				
230-250	4.5	3.9	1.2	.3	.0			
(W) 260-280	5.0	3.6	.5	.1	.0			
290-310	3.5	1.4	.2					
320-340	2.5	.9	.1					

VARIABLE

CALM ///

TOTALS 43.0 25.1 4.8 .6

              TOTAL NUMBER OF OBSERVATIONS 7432

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

3 WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                      MONTH: MAY   HOURS: ALL
....
EED IN KNOTS
25-29 30-34 35-39 40-49 50-64 GE 65   TOTAL MEAN MEDIAN
....
                                           %   WIND WIND
....
                                           6.2   4.6   4.0

                                           6.3   4.5   4.0

                                           1.2   3.0   2.0

                                            .6   2.6   2.0

                                            .7   2.5   2.0

                                           3.9   3.2   2.0

                                          13.3   4.1   4.0

                                          13.5   5.4   5.0

                                          10.1   5.3   5.0

                                           9.3   5.0   4.0

                                           5.1   3.9   3.0

                                           3.5   3.7   3.0

....

/////////////////////////:   //////////// 25.4 //////////

                          100.0   3.4   4.0

SERVATIONS 7432
....

B

C - 4 - 49

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE
                                    AND/OR
             VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES

| DIRECTION | WIND SPEED IN KNOTS | | | | | | | |
(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.5							
020-040	.7	.9						
050-070		.5						
(E) 080-100	.5							
110-130	.5							
140-160	2.3							
(S) 170-190	11.0	1.8						
200-220	11.4	7.3	2.3					
230-250	1.2	1.4						
(W) 260-280	7.1	.9						
290-310	2.7	.5						
320-340	1.8	.5						
VARIABLE								
CALM	///							
TOTALS	43.9	13.8	2.3					

                             TOTAL NUMBER OF OBSERVATIONS   219

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                     MONTH: MAY   HOURS: ALL
. . . .

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

UT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
. . . .
ID IN KNOTS

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
						%	WIND	WIND
						.5	2.0	2.0
						1.8	4.8	5.0
						.5	5.0	5.0
						.5	2.0	2.0
						.5	4.0	4.0
						2.3	2.5	2.0
						12.8	2.9	2.5
						21.0	4.8	4.0
						9.6	3.0	2.0
						10.0	2.9	2.5
						3.2	2.4	1.0
						2.3	2.2	1.0

. . . .

/// 35.2 /////////////

                                              100.0   2.3   3.0

SERVATIONS   219
. . . .

6

C - 4 - 50

STATION NUMBER: 742055)   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.7							
020-040	.5	.1						
050-070	.3	.1						
(E) 080-100	.4							
110-130	.2							
140-160	3.5	.4						
(S) 170-190	17.1	4.7	.2					
200-220	6.4	5.9	.6					
230-250	4.4	.9	.2					
(W) 260-280	3.2	.2						
290-310	1.0							
320-340	.1							

WIND SPEED IN KNOTS

VARIABLE

CALM ///

| TOTALS | 33.2 | 12.3 | 1.0 | | | | | |

TOTAL NUMBER OF OBSERVATIONS   900

A

C - 4 - 5

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                          MONTH: JUN   HOURS: 00-02

. . . .
SPEED IN KNOTS

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
. . . .								
						.7	2.5	2.5
						.7	2.2	2.0
						.4	2.0	1.0
						.4	1.5	1.5
						.2	2.0	2.0
						4.2	2.4	2.0
						22.0	3.3	3.0
						12.9	4.3	4.5
						5.5	3.2	2.0
						3.4	2.5	2.0
						1.0	2.2	2.0
						.1	1.0	1.0
. . . .								
///						48.3	/////////////	
						100.0	1.8	3.0

OBSERVATIONS   900
. . . .

C - 4 - 51

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010								
020-040	.4	.4	.1					
050-070	.5							
(E) 080-100	.5							
110-130	.3							
140-160	3.5							
(S) 170-190	13.3	3.9						
200-220	5.3	5.0	.9					
230-250	3.7	.7						
(W) 260-280	1.4	.2						
290-310	.5							
320-340								

VARIABLE

CALM   ///

| TOTALS | 37.7 | 10.2 | 1.0 | | | | | |

                                TOTAL NUMBER OF OBSERVATIONS   900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OF HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                    MONTH: JUN   HOURS: 03-05

ED IN KNOTS
5-24   25-34   35-39   40-49   50-54   GE 55   TOTAL   MEAN   MEDIAN
                                                  %   WIND   WIND

						TOTAL	MEAN	MEDIAN
						1.0	4.9	5.0
						.5	2.2	2.0
						.6	1.8	1.0
						.3	1.3	1.0
						3.3	2.1	2.0
						23.7	3.0	2.0
						12.2	4.3	4.0
						4.3	3.0	2.0
						1.7	3.0	3.0
						.3	1.6	2.0

// 51.1 ////////////

                                        100.0   1.6   2.0

SERVATIONS   900

                        D

C - 4 - 52

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SUR
FROM HOURLY OBSERVAT

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.3	1.0	.1					
020-040	3.3	1.4	.3					
050-070	1.4	.3						
(E) 080-100	.4							
110-130	1.0	.1						
140-160	2.4	.3						
(S) 170-190	13.3	4.1	.1					
200-220	10.4	2.1	1.2					
230-250	6.2	4.3						
(W) 260-280	2.5	.2						
290-310	1.1	.2						
320-340	1.3							

VARIABLE

CALM   ///

TOTALS   45.0   21.0   1.7

TOTAL NUMBER OF OBSERVATIONS   900

A

C - 4 - 53

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 85
                      MONTH: JUN   HOURS: 06-08

SED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						3.4	3.5	2.0
						5.6	3.7	2.5
						2.2	3.4	3.0
						.8	1.6	2.0
						1.1	2.6	2.0
						2.8	2.8	2.0
						15.0	3.3	4.0
						20.8	4.9	4.0
						11.2	4.2	4.0
						2.8	2.6	2.0
						1.3	3.2	3.5
						1.0	1.6	1.0

/// 32.0 /////////////

                                             100.0   2.7   4.0

G-RVATIONS   900

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

| DIRECTION (DEGREES) | | WIND SPEED IN KNOTS | | | | | | |
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	6.7	5.8	1.0					
020-040	6.2	2.3	1.1					
050-070	1.5	.3	.1					
(E) 080-100	.4							
110-130	1.2	.2						
140-160	1.4	.7						
(S) 170-190	2.5	4.4	.7					
200-220	5.1	9.2	1.7					
230-250	3.2	5.3	1.4					
(W) 260-280	5.6	1.3	.3					
290-310	4.2	1.1						
320-340	4.5	1.1						
VARIABLE								
CALM	///							
TOTALS	48.3	33.2	6.3					

TOTAL NUMBER OF OBSERVATIONS   900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: JUN   HOURS: 09-11
....
D IN KNOTS
1-29 30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
                                            %   WIND   WIND
....

1-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						13.4	5.0	5.0
						9.7	4.7	4.0
						2.2	2.9	2.0
						.4	3.3	3.5
						1.4	2.7	2.0
						2.1	3.6	3.0
						7.7	5.4	5.0
						17.0	5.7	6.0
						15.5	5.2	4.0
						7.7	3.8	4.0
						5.3	3.4	3.0
						5.2	3.2	3.0

....

/// 11.5 ////////////

                                            100.0   4.2   4.0

SERVATIONS   900
....

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                                LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-3
(N) 350-010	5.5	5.0	1.8					
020-040	4.3	5.7	1.8					
050-070	1.3	.5						
(E) 080-100	.6							
110-130	.3	.1						
140-160	2.0	.5						
(S) 170-190	2.5	3.6	.2					
200-220	3.6	7.3	1.7					
230-250	4.2	7.1	3.4		.1			
(W) 260-280	5.4	4.4	.7					
290-310	7.4	2.9	.6					
320-340	5.0	2.3						

VARIABLE

CALM   //

| TOTALS | 43.3 | 41.6 | 10.2 | | .1 | | | |

TOTAL NUMBER OF OBSERVATIONS   900

A

3 WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                         MONTH: JUN   HOURS: 12-14

. . . .

EED IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						13.3	5.6	5.0
						12.8	6.0	5.0
						1.8	3.4	4.0
						.6	2.6	2.0
						.4	3.0	2.5
						2.6	3.0	3.0
						6.3	5.2	5.0
						12.6	6.4	6.0
						14.7	6.3	6.0
						10.6	5.1	4.0
						10.9	4.2	4.0
						8.3	3.9	4.0

. . . .

/// 4.9 ///////////////

                                             100.0   5.2   5.0

SERVATIONS   900

. . . .

β

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHTVILLE NC   FROM HOURLY OBSERVATI

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

....

                                                       WIND SPEED IN KNOTS
      DIRECTION   1-4   5-9   10-14 15-19 20-24 25-29 30-34 35-39
      (DEGREES)

....

(N) 350-010   4.8   6.1   1.4

    020-040   5.3   8.0   1.6   .1

    050-070   2.3   .3

(E) 080-100   .6

    110-130   .7

    140-160   1.1   .3

(S) 170-190   2.0   2.8

    200-220   2.3   5.2   1.2   .2

    230-250   4.1   5.3   3.0   .1

(W) 260-280   5.1   8.3   2.6   .1

    290-310   5.7   3.7   .4

    320-340   5.7   2.0

....
    VARIABLE

    CALM   ///

    TOTALS   40.4   44.7   10.2   .4   .1

                                TOTAL NUMBER OF OBSERVATIONS   900

....

                                A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                          MONTH: JUN   HOURS: 15-17

ED IN KNOTS

5-24	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						12.3	5.7	5.0
						15.0	5.8	5.0
						3.1	3.9	4.0
						.6	1.6	2.0
						.7	2.3	2.0
						1.4	3.3	3.0
						4.8	4.7	5.0
						10.4	6.2	5.0
						13.6	6.7	6.0
						15.1	6.2	5.0
						10.2	4.5	4.0
						7.7	3.7	4.0

// 4.1 ///////////

| | | | | | | 100.0 | 5.3 | 5.0 |

SERVATIONS   900

β

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3'
(N) 350-010	3.1	3.7	.3					
020-040	10.1	3.2	1.3					
050-070	2.5	.4						
(E) 080-100	.7	.2						
110-130	.3	.1						
140-160	1.1	.2						
(S) 170-190	3.7	1.9						
200-220	4.5	5.9	.2					
230-250	3.0	4.0	1.2	.2				
(W) 260-280	3.3	11.7	1.1					
290-310	5.1	2.8	.1					
320-340	3.3	.6						

VARIABLE

CALM ///

TOTALS	47.1	33.7	4.7	.2

TOTAL NUMBER OF OBSERVATIONS   900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 85
                    MONTH: JUN   HOURS: 18-20

ED IN KNOTS

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.5	5.6	5.0
						19.7	4.9	4.0
						3.0	3.1	3.0
						1.1	3.2	3.5
						.4	2.5	1.5
						1.3	2.5	2.0
						5.6	4.1	4.0
						10.7	4.9	5.0
						8.4	6.2	6.0
						21.1	5.3	5.0
						9.0	3.7	3.0
						3.3	3.1	3.0

// 8.2 ////////////

| | | | | | | 100.0 | 4.4 | 4.0 |

OBSERVATIONS   900

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.3	.7						
020-040	7.1	.4						
050-070	.6							
(E) 080-100	.6							
110-130	.2							
140-160	2.7	.1						
(S) 170-190	8.1	3.1						
200-220	9.4	5.1	.4					
230-250	6.0	2.1	.4					
(W) 260-280	10.2	1.8	.1					
290-310	4.6	.6						
320-340	1.3	.1						
VARIABLE								
CALM	///							
TOTALS	53.1	14.0	.9					

TOTAL NUMBER OF OBSERVATIONS   900

A

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

FB WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                        MONTH: JUN   HOURS: 21-23

. . . .
PEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.0	3.1	3.0
						7.6	2.8	2.0
						.6	1.6	2.0
						.6	2.0	2.0
						.2	1.5	1.5
						2.3	2.2	2.0
						11.2	3.8	4.0
						15.0	4.3	4.0
						8.5	4.0	4.0
						12.1	3.1	3.0
						5.1	2.5	2.0
						1.4	2.1	2.0

. . . .

// 31.9 ////////////

| | | | | | | 100.0 | 2.3 | 3.0 |

BSERVATIONS   900

. . . .

ß

C - 4 - 58

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(DEGREES)								
(N) 350-010	3.2	2.3	.6					
020-040	4.7	3.5	.8	.0				
050-070	1.4	.3	.0					
(E) 080-100	.5	.0						
110-130	.5	.1						
140-160	2.3	.3						
(S) 170-190	3.3	3.6	.2					
200-220	5.2	6.7	1.0	.0				
230-250	5.0	4.0	1.2	.0	.0			
(W) 260-280	5.2	3.6	.5	.0				
290-310	3.9	1.4	.1					
320-340	2.8	.3						

VARIABLE

CALM   //

TOTALS   44.1   27.2   4.5

TOTAL NUMBER OF OBSERVATIONS   7200

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                  MONTH: JUN   HOURS: ALL

....
ED IN KNOTS
25-29 30-34 35-39 40-49 50-64 GE 65   TOTAL MEAN MEDIAN
....
                                          %   WIND   WIND
....
                                         5.7   5.2   5.0

                                         9.0   4.9   4.0

                                         1.7   3.2   3.0

                                          .5   2.3   2.0

                                          .5   2.5   2.0

                                         2.6   2.7   2.0

                                        12.0   3.8   3.0

                                        13.9   5.2   5.0

                                        10.3   5.3   5.0

                                         9.4   4.7   4.0

                                         5.5   3.7   3.0

                                         3.5   3.4   3.0

....

// 24.0 ///////////

                                       100.0   3.4   4.0

SERVATIONS 7200
....

B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

....

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY
                              AND/OR
             VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 M

....

				WIND SPEED IN KNOTS				
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-
(DEGREES)								
(N) 350-010	.9							
020-040	1.7	.4						
050-070	.9	.4						
(E) 080-100								
110-130	.4							
140-160	1.3	.4						
(S) 170-190	10.2	4.3						
200-220	13.2	3.8	.9					
230-250	14.2	6.0						
(W) 260-280	5.3	.4						
290-310	1.7	1.3						
320-340	.3							

....

VARIABLE

CALM   //

| TOTALS | 52.4 | 23.0 | .9 |

                        TOTAL NUMBER OF OBSERVATIONS   235

....

A

C - 4 - 6

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: JUN   HOURS: ALL
....

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

OF LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
....
IN KNOTS
      30-34 35-39 40-49 50-54 GE 55   TOTAL MEAN MEDIAN
....
                                          %   WIND   WIND
....
                                         .9   2.0   2.0

                                        2.1   3.8   4.0

                                        1.3   4.0   4.0

                                         .4   2.0   2.0

                                        2.1   2.0   2.0

                                       14.5   3.7   4.0

                                       23.3   4.7   4.0

                                       22.0   3.5   3.0

                                        7.2   2.6   2.0

                                        3.0   3.3   2.0

                                         .3   1.5   1.5

....

/// 23.8 ///////////

                                      100.0   2.9   3.0

OBSERVATIONS   235
....

B

C - 4 - 60

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
					WIND SPEED IN KNOTS			
(N) 350-010	.4							
020-040	2.0	.2						
050-070	.1		.1					
(E) 080-100	.1							
110-130	.3	.1						
140-160	5.2	.1						
(S) 170-190	15.1	2.5	.1					
200-220	11.5	3.5	.4					
230-250	5.3	1.2	.1					
(W) 260-280	2.6	.1						
290-310	.5							
320-340	.4							

VARIABLE

CALM   //

| TOTALS | 43.5 | 7.7 | .7 | | | | | |

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 89
                    MONTH: JUL   HOURS: 00-02

....

D IN KNOTS

-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						.4	3.0	3.5
						2.3	2.5	2.0
						.2	6.5	5.5
						.1	1.0	1.0
						.4	2.3	1.5
						5.3	2.1	2.0
						17.6	3.0	2.0
						15.5	3.7	3.0
						5.6	3.2	2.0
						2.7	2.3	2.0
						.5	2.0	2.0
						.4	1.8	2.0

....

/// 48.0 ////////////

| | | | | | | 100.0 | 1.6 | 2.0 |

SERVATIONS   930

....

δ

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.8	.1						
020-040	1.1							
050-070	.3							
(E) 080-100	.1							
110-130	.6							
140-160	4.0	.1						
(S) 170-190	14.0	3.1						
200-220	10.0	3.4	.4					
230-250	4.6	.8						
(W) 260-280	1.8							
290-310	.6							
320-340	.2							

VARIABLE

CALM   ///

TOTALS   39.0   7.5   .4

TOTAL NUMBER OF OBSERVATIONS   930

A

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

FB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                         MONTH: JUL   HOURS: 03-05

. . . .
PEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.9	2.6	2.0
						1.1	2.5	2.0
						.3	2.7	2.0
						.1	3.0	3.0
						.6	1.7	2.0
						5.1	1.9	2.0
						17.1	3.0	2.0
						13.9	3.9	4.0
						5.4	2.9	2.5
						1.8	2.0	2.0
						.6	2.3	2.0
						.2	1.5	1.5

. . . .

/// 52.9 ////////////

| | | | | | | 100.0 | 1.4 | 2.0 |

BSERVATIONS   930

. . . .

D

C - 4 - 62

STATION NUMBER: 742040   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

					WIND SPEED IN KNOTS			
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.2	.4	.1					
020-040	3.3	1.8						
050-070	1.1	.2						
(E) 080-100	.1							
110-130	.5							
140-160	2.3	.1						
(S) 170-190	3.0	2.7	.1					
200-220	11.1	8.1	1.1					
230-250	8.2	3.4	.1					
(W) 260-280	3.3	.5						
290-310	1.1							
320-340	1.5							
VARIABLE								
CALM	//							
TOTALS	44.2	17.2	1.4					

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                       MONTH: JUL   HOURS: 06-08

. . . .
D IN KNOTS
-29 30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
                                           %   WIND   WIND
. . . .
                                         2.7   3.1   2.0

                                         5.2   3.9   4.0

                                         1.3   2.7   2.0

                                          .1   2.0   2.0

                                          .5   1.8   2.0

                                         2.4   2.2   2.0

                                        10.3   3.7   3.0

                                        20.2   4.5   4.0

                                        12.3   3.6   3.0

                                         4.3   2.8   2.0

                                         1.1   2.0   2.0

                                         1.5   2.1   2.0
. . . .

/// 37.2 ////////////

                                        100.0   2.3   3.0

SERVATIONS   930
. . . .

6

C - 4 - 53

STATION NUMBER: 742060　　STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39
(N) 350-010	3.4	6.8	.3					
020-040	5.6	6.0	.4					
050-070	1.1	.3						
(E) 080-100	.1	.1						
110-130	.2							
140-160	.5	.1						
(S) 170-190	3.0	1.8	.5					
200-220	6.0	5.9	1.6					
230-250	3.4	7.0	1.3					
(W) 260-280	5.8	1.7	.2					
290-310	5.3	.6						
320-340	5.5	1.5						
VARIABLE								
CALM	///							
TOTALS	50.0	34.8	4.3					

TOTAL NUMBER OF OBSERVATIONS　930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                    MONTH: JUL   HOURS: 09-11

· ·

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND

· ·

						15.5	4.6	4.0
						12.0	4.9	5.0
						1.4	3.7	4.0
						.2	4.0	4.0
						.2	2.5	2.5
						.3	2.7	2.0
						5.4	5.1	4.0
						16.6	5.7	6.0
						15.7	5.0	4.0
						7.7	3.6	3.0
						5.9	2.9	3.0
						7.0	3.1	3.0

· ·

/// 10.6 ///////////

                                        100.0   4.1   4.0

BSERVATIONS   930

· ·

C - 4 - 64

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	7.1	3.5	1.9					
020-040	4.6	8.2	1.4	.1				
050-070	.6	.3						
(E) 080-100	.3	.1						
110-130	.2							
140-160	.6	.4						
(S) 170-190	1.3	2.4	.3					
200-220	3.5	5.3	1.7					
230-250	5.4	7.6	1.9					
(W) 260-280	6.1	4.8	.8					
290-310	6.1	3.3						
320-340	7.0	2.8	.1					

VARIABLE

CALM ///

| TOTALS | 42.8 | 44.2 | 8.1 | .1 | | | | |

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

| WASHINGTON | PERIOD OF RECORD: JUN 73 - MAY 84 |
| | MONTH: JUL   HOURS: 12-14 |

....

ED IN KNOTS

5-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						17.5	5.5	5.0
						14.3	5.9	6.0
						1.4	4.8	5.0
						.4	2.8	2.0
						.2	2.5	2.5
						1.1	4.5	4.0
						4.0	5.7	5.0
						10.5	6.2	6.0
						14.9	5.9	6.0
						11.7	4.8	4.0
						9.5	3.8	3.5
						9.9	3.7	3.0

....

/// 4.5 /////////////

| | | | | | | 100.0 | 5.0 | 5.0 |

OBSERVATIONS 930

....

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR.
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.1	7.5	1.6					
020-040	4.4	10.1	2.2					
050-070	1.1	1.3						
(E) 080-100	.5							
110-130	.3							
140-160	.2	.4						
(S) 170-190	1.5	1.4	.2	.1				
200-220	2.0	4.4	1.3					
230-250	3.7	5.7	1.3					
(W) 260-280	7.4	7.3	1.8	.1				
290-310	7.5	3.9	.3					
320-340	5.3	3.4	.1					
VARIABLE								
CALM	///
TOTALS	40.8	46.4	8.8	.2				

TOTAL NUMBER OF OBSERVATIONS 930

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

A WASHINGTON   PERIOD OF RECORD: JUN 76 - MAY 88
                         MONTH: JUL   HOURS: 15-17

. . . .
EED IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND KNT	MEDIAN WIND KNT
						14.2	7.7	6.0
						15.7	6.2	5.0
						2.4	4.9	5.0
						.5	2.5	2.5
						.3	3.7	4.0
						1.3	5.1	4.0
						3.2	5.3	5.0
						7.7	6.5	5.0
						11.6	5.3	5.0
						15.7	5.6	5.0
						11.7	4.1	4.0
						9.9	3.3	4.0

. . . .

// 3.7 ////////////

| | | 100.0 | 5.2 | 5.0 |

OBSERVATIONS   930

. . . .

STATION NUMBER: 742065)   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.8	4.6	1.1					
020-040	12.8	10.3	.5					
050-070	.3	.4						
(E) 080-100	.5	.1						
110-130	.2							
140-160	.1							
(S) 170-190	2.0	1.4	.1					
200-220	2.8	4.3	.9	.1				
230-250	3.7	5.1	1.1					
(W) 260-280	10.3	8.9	.9					
290-310	3.3	2.5						
320-340	4.1	.9						

VARIABLE

CALM   ///

| TOTALS | 49.2 | 38.5 | 4.7 | .1 | | | | |

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 82
                    MONTH: JUL   HOURS: 18-20

. . . .
ED IN KNOTS

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.5	5.9	5.0
						23.8	4.6	4.0
						1.3	3.3	2.0
						.6	2.7	2.0
						.2	1.5	1.5
						.8	2.8	3.0
						3.5	4.5	4.0
						3.1	6.3	5.0
						3.8	5.2	6.0
						20.1	4.7	4.0
						10.8	3.6	3.0
						4.3	3.3	3.0

. . . .

/// 7.5 ///////////////

| | | | | | | 100.0 | 4.4 | 4.0 |

SERVATIONS   930
. . . .

β

C - 4 - 57

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +.8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39
(N) 350-010	2.2	.6						
020-040	5.0	.3						
050-070	.2							
(E) 080-100	.1							
110-130	.4							
140-160	1.3							
(S) 170-190	6.0	1.7	.1					
200-220	3.4	5.1	.2					
230-250	7.7	2.2	.1					
(W) 260-280	11.6	1.9						
290-310	4.0	.5						
320-340	1.2							
VARIABLE								
CALM	///
TOTALS	49.6	13.6	.4					

TOTAL NUMBER OF OBSERVATIONS   930

A

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                         MONTH: JUL   HOURS: 21-23

....

SPEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.8	3.2	3.0
						5.9	2.9	2.0
						.2	2.5	2.5
						.1	2.0	2.0
						.4	1.8	1.0
						1.8	2.3	2.0
						7.9	3.6	3.0
						13.7	4.3	4.0
						10.8	3.6	4.0
						13.5	3.0	3.0
						4.5	2.5	2.0
						1.2	2.3	2.0

....

/// 36.2 ///////////

                                             100.0   2.1   3.0

OBSERVATIONS   930

....

β

C - 4 - 68

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATI

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

| | | | | | WIND SPEED IN KNOTS | | | |
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(DEGREES)								
(N) 350-010	3.5	3.6	.6					
020-040	5.0	4.7	.6	.0				
050-070	.7	.4	.0					
(E) 080-100	.3	.0						
110-130	.4	.0						
140-160	2.1	.2						
(S) 170-190	6.4	2.1	.2	.0				
200-220	6.9	5.4	1.0	.0				
230-250	5.0	4.3	.7					
(W) 260-280	5.2	3.2	.5	.0				
290-310	4.2	1.4	.0					
320-340	3.3	1.1	.0					
VARIABLE								
CALM	///							
TOTALS	45.1	26.4	3.6					

                              TOTAL NUMBER OF OBSERVATIONS 7440

A

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                      MONTH: JUL   HOURS: ALL

PEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.8	5.1	5.0
						10.3	4.9	5.0
						1.1	4.0	4.0
						.3	2.6	2.0
						.4	2.1	2.0
						2.3	2.5	2.0
						3.7	3.7	3.0
						13.3	4.9	4.0
						11.1	4.7	4.0
						9.8	4.2	4.0
						5.5	3.5	3.0
						4.4	3.4	3.0

/// 25.1 ///////////

                      100.0   3.3   4.0

BSERVATIONS 7440

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.7		.2					
020-040	1.6	.3						
050-070	.5							
(E) 080-100								
110-130	.2							
140-160	2.1	.2						
(S) 170-190	5.3	1.4						
200-220	21.7	7.3	.5					
230-250	14.4	5.9	.2					
(W) 260-280	9.8	1.1						
290-310	3.7							
320-340	2.1	.2						
VARIABLE								
CALM	///
TOTALS	62.1	17.5	.9					

TOTAL NUMBER OF OBSERVATIONS   438

A

ATB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: JUL   HOURS: ALL

. . . .

FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

. . . .

SPEED IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.9	5.3	4.0
						2.5	3.7	4.0
						.5	2.5	2.5
						.2	2.0	2.0
						2.3	2.3	1.5
						6.6	3.4	3.0
						29.9	3.6	3.0
						20.5	3.7	4.0
						11.0	2.8	2.0
						3.7	2.3	2.0
						2.3	2.3	2.0

. . . .

/// 19.6 ////////////

                                              100.0   2.7   3.0

OBSERVATIONS   438

. . . .

B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010								
020-040	.5	.1						
050-070	.2	.1						
(E) 080-100	.1							
110-130	.6							
140-160	4.5	.2						
(S) 170-190	15.1	1.7						
200-220	6.7	4.3	.2					
230-250	4.5	.6	.1					
(W) 260-280	2.7	.2						
290-310	1.1							
320-340	.2							
VARIABLE								
CALM	///
TOTALS	36.2	7.2	.3					

TOTAL NUMBER OF OBSERVATIONS   930

A

FB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                       MONTH: AUG   HOURS: 00-02

PEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
								3.0
						.6	2.7	2.0
						.3	3.0	3.0
						.1	4.0	4.0
						.6	1.8	2.0
						4.7	2.5	2.0
						16.8	2.7	2.0
						11.2	4.3	4.0
						5.3	2.7	2.0
						2.9	2.3	2.0
						1.1	2.2	2.0
						.2	2.0	2.0

///////////////////////;///////////////////////////// 56.1 /////////////

| | | | | | | 100.0 | 1.3 | 2.0 |

OBSERVATIONS   930

b

C - 4 - 71

STATION NUMBER: 742050 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.2							
020-040	.1							
050-070	.4	.1						
(E) 080-100	.6	.1						
110-130	.4	.1						
140-160	5.4	.3						
(S) 170-190	16.5	2.6	.1					
200-220	5.3	2.8	.1					
230-250	3.3	.5						
(W) 260-280	2.3	.1						
290-310	.6							
320-340	.3							

VARIABLE

CALM ///

TOTALS	37.0	6.6	.2

TOTAL NUMBER OF OBSERVATIONS 930

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FOR HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                    MONTH: AUG   HOURS: 03-05

. . . .
EED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.2	2.0	2.0
						.1	4.0	4.0
						.5	3.0	2.0
						.8	2.7	2.0
						.5	3.0	3.0
						5.7	2.5	2.0
						19.2	2.8	2.0
						9.7	3.6	3.0
						3.9	2.5	2.0
						2.4	2.3	2.0
						.6	1.8	2.0
						.3	2.3	2.0

. . . .

/// 55.0 ///////////

                                                 100.0   1.3   2.0

OBSERVATIONS   930
. . . .

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	1.5	.1						
020-040	3.0	.1						
050-070	.6	.1						
(E) 080-100								
110-130	.9	.1						
140-160	3.5	.2						
(S) 170-190	10.3	3.2						
200-220	8.5	4.4	.4					
230-250	7.2	2.4	.1					
(W) 260-280	4.3	.1						
290-310	.3							
320-340	.6							
VARIABLE								
CALM	///							
TOTALS	42.1	10.7	.5					

TOTAL NUMBER OF OBSERVATIONS   930

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

, WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                         MONTH: AUG   HOURS: 06-08

ED IN KNOTS
25-29 30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
                                              %   WIND   WIND

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.6	2.1	2.0
						3.1	2.6	2.0
						.8	3.1	2.0
						1.0	2.3	2.0
						4.2	2.4	2.0
						14.1	3.3	3.0
						13.3	3.9	4.0
						9.7	3.2	3.0
						4.4	2.3	2.0
						.9	1.6	1.0
						.5	1.3	1.0

/// 46.7 ////////////

                                              100.0   1.7   2.0

BSERVATIONS   930

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE S...
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVA...

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-3
(N) 350-010	3.6	5.3	.3					
020-040	5.4	4.3	.3					
050-070	1.3	.4						
(E) 080-100	.4	.1						
110-130	.1							
140-160	1.0							
(S) 170-190	3.3	3.2	.3					
200-220	5.7	6.9	1.9					
230-250	7.0	3.9	.3					
(W) 260-280	6.3	1.4						
290-310	4.3	.2						
320-340	5.6	1.3	.1					
VARIABLE								
CALM	//							
TOTALS	49.5	27.5	4.7					

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                          MONTH: AUG   HOURS: 00-11

D IN KNOTS

-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						14.5	4.5	4.0
						10.6	4.7	4.0
						1.7	3.5	3.0
						.5	2.4	2.0
						.1	1.0	1.0
						1.0	2.2	2.0
						7.3	5.1	5.0
						14.5	5.6	5.0
						11.5	4.3	4.0
						8.2	2.9	2.5
						4.5	2.8	3.0
						7.0	3.2	3.0

/// 18.3 ///////////

                          100.0   3.5   4.0

SERVATIONS   930

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 3

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	7.1	11.9	2.6					
020-040	5.4	6.9	1.1					
050-070	1.4	.3						
(E) 080-100	.1							
110-130	.3							
140-160	.3							
(S) 170-190	1.3	2.5	.6					
200-220	3.9	3.8	2.3	.2				
230-250	5.2	4.5	1.4	.1				
(W) 260-280	6.2	4.2	.6					
290-310	5.7	2.2						
320-340	7.1	2.8	.1					
VARIABLE								
CALM	///							
TOTALS	44.7	39.1	8.7	.3				

TOTAL NUMBER OF OBSERVATIONS   930

ρ

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                        MONTH: AUG   HOURS: 12-14

·· ·

EED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						21.6	5.8	5.0
						13.3	5.6	6.0
						1.7	3.1	3.0
						.1	3.0	3.0
						.5	1.7	2.0
						.3	3.7	4.0
						4.4	6.1	6.0
						10.1	6.5	6.0
						11.2	5.5	5.0
						11.7	4.5	4.0
						7.3	3.6	3.0
						10.0	3.9	4.0

···

// 7.3 ///////////

| | | | | | | 100.0 | 4.8 | 5.0 |

SERVATIONS   930

··

C - 4 - 75

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: +8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	7.4	9.0	1.2	.1				
020-040	5.4	10.6	2.0	.1				
050-070	.9	.3						
(E) 080-100	.3	.2						
110-130	.1	.1						
140-160	.5	.3		.1				
(S) 170-190	.5	.9	.6	.1				
200-220	1.4	3.8	.6	.1				
230-250	2.3	4.5	1.4	.1				
(W) 260-280	6.5	8.1	.9					
290-310	6.5	4.9	.3					
320-340	3.4	3.0						

VARIABLE

CALM   ///

TOTALS   41.1   45.5   7.0   .6

                        TOTAL NUMBER OF OBSERVATIONS   930

A

WASHINGTON   PERIOD OF RECORD: JUN 70 - MAY 88
                    MONTH: AUG   HOURS: 15-17

....
ED IN KNOTS

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WND	MEDIAN WND
. . . .								
						17.7	5.3	5.0
						18.2	5.1	5.0
						1.2	3.3	3.0
						.5	3.6	3.0
						.2	3.5	3.5
						1.2	5.0	4.0
						2.2	7.7	6.5
						5.9	6.5	6.0
						9.9	6.4	6.0
						15.4	5.3	5.0
						11.7	4.6	4.0
						11.4	3.9	4.0

....

/// 5.5 ////////////

                                        100.0   5.1   5.0

SERVATIONS   930
....

B

C - 4 - 76

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	3.5	4.1	.3					
020-040	17.1	5.8	.6					
050-070	1.3	.2						
(E) 080-100	.5	.1						
110-130	.3							
140-160	1.1	.4						
(S) 170-190	2.2	1.2						
200-220	1.9	3.4	1.0					
230-250	4.1	3.1	.5					
(W) 260-280	10.2	6.2	.3					
290-310	7.3	2.0	.1					
320-340	3.1	1.1						
VARIABLE								
CALM	///							
TOTALS	53.1	28.6	2.8					

TOTAL NUMBER OF OBSERVATIONS   930

A

B HASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                      MONTH: AUG   HOURS: 18-20

. . . .
ED IN KNOTS
25-29 30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
                                              %   WIND   WIND
. . . .

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						8.0	5.2	5.0
						24.5	4.1	4.0
						2.0	2.5	2.0
						.6	3.2	2.0
						.3	2.0	2.0
						1.5	3.8	3.5
						3.3	3.9	4.0
						6.3	5.9	6.0
						7.7	4.6	4.0
						16.8	4.4	4.0
						3.5	3.5	3.0
						4.2	3.7	4.0

. . . .

/// 15.2 ///////////

| | | | | | | 100.0 | 3.6 | 4.0 |

SERVATIONS   930
. . . .

O

C - 4 - 77

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35
(N) 350-010	1.6	.1						
020-040	5.4	.4	.1					
050-070	.6							
(E) 080-100	.6							
110-130	.3							
140-160	2.4	.1						
(S) 170-190	3.4	1.5						
200-220	6.9	3.4	.9	.1				
230-250	5.7	.3	.4					
(W) 260-280	9.1	1.0						
290-310	2.5	.2						
320-340	.5	.1						
VARIABLE								
CALM	///
TOTALS	44.1	7.7	1.4	.1				

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: AUG   HOURS: 21-23

....
D IN KNOTS
-29 30-34 35-39 40-49 50-64 GE 65   TOTAL MEAN   MEDIAN
                                           %   WIND   WIND
....

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.7	2.4	2.0
						5.9	2.6	2.0
						.6	2.2	2.5
						.6	1.5	1.5
						.3	2.0	2.0
						2.5	2.2	2.0
						9.9	3.1	3.0
						11.3	4.6	4.0
						7.0	3.5	3.0
						10.1	2.9	3.0
						2.7	2.5	2.0
						.8	2.3	2.0

....

/// 46.6 ///////////
                                   100.0   1.7   3.0

SERVATIONS   930
....

C - 4 - 78

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SI
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERV,

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

DIRECTION	1-4	5-9	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-:
(DEGREES)								
(N) 350-010	3.8	3.8	.6	.0				
020-040	5.3	3.7	.5	.0				
050-070	.9	.2						
(E) 080-100	.3	.1						
110-130	.4	.0						
140-160	2.4	.2		.0				
(S) 170-190	7.3	2.1	.3	.0				
200-220	5.2	4.1	.9	.1				
230-250	5.0	2.6	.6	.0				
(W) 260-280	6.1	2.7	.2					
290-310	3.6	1.2	.1					
320-340	3.3	1.0	.0					

VARIABLE

CALM   ///

TOTALS   43.6   21.7   3.2   .1

                          TOTAL NUMBER OF OBSERVATIONS 7440

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                         MONTH: AUG   HOURS: ALL

EED IN KNOTS
25-29 30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
						%	WIND	WIND
						8.2	5.1	5.0
						9.6	4.7	4.0
						1.1	3.1	3.0
						.4	2.7	2.0
						.4	2.3	2.0
						2.6	2.7	2.0
						9.7	3.5	3.0
						10.3	5.0	4.0
						8.1	4.4	4.0
						9.0	3.9	4.0
						4.8	3.6	3.0
						4.3	3.6	4.0

// 31.5 ///////////

100.0   2.9   4.0

OBSERVATIONS 7440

6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MI

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	1.2							
020-040	2.5							
050-070	.9							
(E) 080-100	.5	.2						
110-130	.7							
140-160	2.1	.5						
(S) 170-190	3.5	2.5						
200-220	11.5	3.5	.5					
230-250	10.6	2.5	.2					
(W) 260-280	9.2							
290-310	3.2							
320-340	.9							
VARIABLE								
CALM	///							
TOTALS	51.8	9.2	.7					

TOTAL NUMBER OF OBSERVATIONS   433

A

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: AUG   HOURS: ALL
....
T WITH VISIBILITY GE 1/2 MILE (0800 METERS).

BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
....
ED IN KNOTS
25-29 30-34 35-37 40-49 50-54 GE 55   TOTAL MEAN   MEDIAN
....
                                          %   WIND   WIND
....
                                        1.2   3.0   3.0

                                        2.5   2.5   2.0

                                         .3   1.3   1.0

                                         .7   3.3   2.0

                                         .7   3.0   3.0

                                        2.5   3.0   2.0

                                       11.1   3.2   3.0

                                       15.5   3.6   3.0

                                       13.4   3.1   2.0

                                        9.2   2.1   2.0

                                        3.2   2.1   2.0

                                         .9   2.5   2.0
....

/////////////////////////////////////// 38.1 ////////////

                                      100.0   1.9   2.0

BSERVATIONS   433
....

C - 4 - 80

PERCENTAGE FREQUENCY OF OCCURRENCE SURF
FROM HOURLY OBSERVATI

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.2							
020-040	1.0	.1						
050-070	.2							
(E) 080-100	.7							
110-130	.3							
140-160	5.0	1.1						
(S) 170-190	16.2	5.7	.2					
200-220	5.1	3.3	.7					
230-250	1.7	.3	.2					
(W) 260-280	.3	.1						
290-310								
320-340	.1							
VARIABLE								
CALM	///							
TOTALS	31.9	10.6	1.1					

TOTAL NUMBER OF OBSERVATIONS   900

A

C - 4 - B

PERCENTAGE OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 89
                         MONTH: SEP   HOURS: 00-02

SPEED IN KNOTS

5-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.2	1.0	1.0
						1.1	2.7	2.5
						.2	3.5	3.5
						.7	2.3	2.0
						.9	2.4	2.0
						5.1	3.1	2.0
						22.1	3.5	3.0
						9.1	4.5	4.0
						2.2	3.3	2.5
						.9	3.0	3.0
						.1	2.0	2.0

// 55.3 ////////////

| | | | | | | 100.0 | 1.5 | 3.0 |

OBSERVATIONS   900

B

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                    LST TO UTC: + 8

| | | | | | WIND SPEED IN KNOTS | | | |
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.7	.1						
020-040	.9							
050-070	.8							
(E) 080-100	.6							
110-130	1.1							
140-160	5.3	1.2						
(S) 170-190	15.6	5.0	.2					
200-220	4.4	2.6	.3	.3				
230-250	1.3	.2	.1					
(W) 260-280	.6							
290-310	.4							
320-340	.2							
VARIABLE								
CALM	///							
TOTALS	32.9	9.1	.6	.3				

TOTAL NUMBER OF OBSERVATIONS   900

A

... OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED ...
ON HOURLY OBSERVATIONS

| WASHINGTON | PERIOD OF RECORD: JUN 73 - MAY 88 |
| | MONTH: SEP   HOURS: 03-05 |

....

ED IN KNOTS

5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL X	MEAN WIND	MEDIAN WIND
						.8	3.0	2.0
						.9	2.5	2.5
						.8	2.4	2.0
						.6	2.6	2.0
						1.1	2.6	2.0
						6.5	2.3	2.0
						21.3	3.5	3.0
						7.7	4.8	4.0
						1.7	3.2	2.0
						.6	3.0	3.0
						.4	2.5	2.0
						.2	1.5	1.5

....

/// 57.0 /////////////

| | | | | | | 100.0 | 1.5 | 3.0 |

BSERVATIONS   900

....

b

C - 4 - 82

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVAT

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

....
                                         WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.7	.1						
020-040	2.3	.3						
050-070	1.4							
(E) 080-100	.3							
110-130	1.3							
140-160	5.0	.3						
(S) 170-190	10.6	5.3	.9					
200-220	4.4	4.6	1.3					
230-250	1.8	.3	.2					
(W) 260-280	.1	.1						
290-310	.7							
320-340	.3							

....
VARIABLE

CALM   //

TOTALS   30.4   11.6   2.4

                              TOTAL NUMBER OF OBSERVATIONS   900
....

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                          MONTH: SEP   HOURS: 06-08
....

D IN KNOTS
-27   30-34   35-37   40-49   50-64   GE 65   TOTAL   MEAN   MEDIAN
                                              %   WIND   WIND
....
                                              .8   3.1   3.0
                                              2.7   3.0   3.0
                                              1.4   2.7   2.0
                                              .8   2.7   3.0
                                              1.3   1.9   2.0
                                              6.9   2.8   2.0
                                              16.8   4.2   4.0
                                              10.3   5.4   5.0
                                              2.3   3.7   3.0
                                              .2   3.5   3.5
                                              .7   2.7   2.5
                                              .3   1.7   2.0
....

// 55.4 ////////////

                                              100.0   1.9   3.0

BSERVATIONS   900
....

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.7	4.3	1.1					
020-040	6.0	5.4	.3					
050-070	2.2	.5						
(E) 080-100	1.1							
110-130	.4							
140-160	1.8	.5						
(S) 170-190	2.9	4.8	2.8	.2				
200-220	6.3	7.0	2.2	.2				
230-250	5.4	2.9	.9	.2				
(W) 260-280	3.8	.6	.1					
290-310	2.8	.3						
320-340	3.9	1.1						
VARIABLE								
CALM	///							
TOTALS	42.3	27.6	7.4	.6				

TOTAL NUMBER OF OBSERVATIONS   900

A

C - 4 - 8

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 89
                          MONTH: SEP   HOURS: 09-11

D IN KNOTS

-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						11.1	5.1	4.0
						11.3	4.7	4.0
						2.3	3.4	3.0
						1.1	2.3	2.0
						.4	2.3	2.0
						2.3	3.5	3.0
						10.7	6.8	6.0
						15.8	5.3	5.0
						9.4	5.0	4.0
						4.4	3.2	3.0
						3.1	2.9	2.5
						5.0	3.2	3.0

/// 22.0 ////////////

                                        100.0   3.8   4.0

SERVATIONS   900

b

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	7.5	11.4	2.8					
020-040	4.7	3.6	1.4					
050-070	.8	1.1	.1					
(E) 080-100	.7							
110-130	.3	.3						
140-160	.6	1.0						
(S) 170-190	1.7	3.4	1.3	.5				
200-220	3.3	5.0	1.8	.5				
230-250	5.1	4.3	3.1	.3				
(W) 260-280	5.2	3.4	.4	.1				
290-310	4.3	.3						
320-340	6.0	2.6						
VARIABLE								
CALM	///							
TOTALS	40.3	39.6	10.9	1.6				

TOTAL NUMBER OF OBSERVATIONS   900

A

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                    MONTH: SEP   HOURS: 12-14

. . . .

PEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
. . .	. . .	. . .	. . .	. . .	. . .			
						21.8	6.0	6.0
						11.7	5.7	5.0
						2.0	4.8	5.0
						.7	2.7	2.5
						.7	4.0	3.5
						1.5	5.0	5.0
						7.0	7.9	8.0
						10.7	6.8	7.0
						13.4	6.7	6.0
						9.2	4.4	4.0
						5.2	2.9	2.0
						8.5	3.3	4.0

. . . .

/// 7.6 ////////////

                                    100.0   5.2   5.0

OBSERVATIONS   900

. . . .

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.6	9.2	1.3					
020-040	5.4	12.5	1.3	.1				
050-070	1.9	.4						
(E) 080-100	.9							
110-130	.3	.1						
140-160	.3	.3						
(S) 170-190	2.6	2.3	1.1					
200-220	2.1	5.1	2.7	.8				
230-250	3.4	4.4	1.7	.1				
(W) 260-280	5.9	3.2	.8					
290-310	5.9	1.3	.1					
320-340	4.2	1.3						
VARIABLE								
CALM	///							
TOTALS	39.6	40.7	9.5	1.0				

TOTAL NUMBER OF OBSERVATIONS   900

A

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP   HOURS: 15-17

. . . .

EED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						15.6	6.0	6.0
						20.4	5.7	6.0
						2.3	3.5	3.0
						.9	2.3	2.0
						.9	3.1	3.0
						1.7	4.6	4.0
						6.0	6.1	5.5
						10.7	7.8	7.0
						9.7	6.3	6.0
						9.9	4.6	4.0
						7.3	3.2	2.5
						5.6	3.6	3.0

. . . .

/// 9.1 /////////////

			100.0	5.0	5.0

BSERVATIONS 900

. . . .

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

....
                                                    WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.3	2.4	.4					
020-040	11.3	4.7	.2					
050-070	2.4							
(E) 080-100	.7	.1						
110-130	1.1	.2						
140-160	1.9	.3						
(S) 170-190	4.2	4.0	.6					
200-220	4.6	4.4	1.4					
230-250	3.4	3.0	.9					
(W) 260-280	3.9	1.9						
290-310	3.2	.9						
320-340	1.0	.2						

VARIABLE

CALM   ///

TOTALS   42.5   22.5   3.5

                        TOTAL NUMBER OF OBSERVATIONS   900

A

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

FB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                       MONTH: SEP   HOURS: 13-20

. . . .
PEED IN KNOTS
25-29 30-34 35-39 40-49 50-54 GE 55   TOTAL   MEAN   MEDIAN
                                              %   WIND   WIND
. . . .

25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						7.2	4.5	4.0
						16.7	3.3	3.0
						2.4	2.2	2.0
						.9	3.3	3.0
						1.3	2.5	2.0
						2.7	3.8	4.0
						3.3	4.9	5.0
						10.4	5.6	5.0
						7.3	5.3	5.0
						5.3	3.9	4.0
						4.1	3.1	2.0
						1.2	2.4	2.0

. . . .

/// 31.2 ///// ///////

                                              100.0   2.9   3.0

OBSERVATIONS   900
. . . .

C - 4 - 87

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                      LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.4	.4						
020-040	2.7	.3						
050-070	.9							
(E) 080-100	.2							
110-130	.7							
140-160	4.2	.6						
(S) 170-190	12.6	4.3	.3	.1				
200-220	4.9	4.1	1.0					
230-250	2.3	.6	.1					
(W) 260-280	3.2	.2						
290-310	.6	.1						
320-340	.2							
VARIABLE								
CALM	///							
TOTALS	33.5	10.6	1.4	.1				

                                        TOTAL NUMBER OF OBSERVATIONS   900

AFB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                        MONTH: SEP   HOURS: 21-23

SPEED IN KNOTS

4	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							.9	4.0	4.0
							3.0	3.0	2.0
							.3	2.5	2.5
							.2	2.5	2.5
							.7	2.2	2.0
							4.3	2.9	2.0
							17.3	3.7	3.0
							10.0	5.3	5.0
							3.6	3.4	3.0
							3.4	2.5	2.0
							.7	3.0	2.5
							.2	3.0	3.0

/// 54.3 ///////////

| | | | | | | | 100.0 | 1.7 | 3.0 |

OBSERVATIONS   900

C - 4 - 88

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVAT

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

··
                                              WIND SPEED IN KNOTS
      DIRECTION   1-4   5-9   10-14 15-19 20-24 25-29 30-34 35-39
··
      (DEGREES)
··

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.0	3.5	.8					
020-040	4.5	3.5	.4	.0				
050-070	1.3	.3	.0					
(E) 080-100	.7	.0						
110-130	.4	.1						
140-160	3.2	.3						
(S) 170-190	3.4	4.4	.9	.1				
200-220	4.4	4.5	1.4	.2				
230-250	3.1	2.1	.9	.1				
(W) 260-280	2.9	1.2	.2	.0				
290-310	2.2	.4	.0					
320-340	2.0	.7						

···
      VARIABLE
      CALM   ///
      TOTALS   36.5   21.7   4.6   .4

                             TOTAL NUMBER OF OBSERVATIONS 7200
···

β

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

| FB WASHINGTON | PERIOD OF RECORD: JUN 78 - MAY 88 |
| | MONTH: SEP. HOURS: ALL |

SPEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.3	5.5	5.0
						8.5	4.7	4.0
						1.5	3.2	3.0
						.7	2.6	2.0
						.9	2.6	2.0
						4.1	3.2	3.0
						13.8	4.5	4.0
						10.5	5.3	5.0
						6.2	5.5	4.0
						4.3	4.0	4.0
						2.7	3.0	2.0
						2.7	3.4	3.0

/// 36.5 ////////////

100.0 2.9 4.0

OBSERVATIONS 7200

B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

. . . .

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY
                          AND/OR

             VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 M.

. . . .
                                               WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-
(N) 350-010	3.0	.9						
020-040	5.2	1.3						
050-070	2.5							
(E) 080-100	.9							
110-130	1.1							
140-160	3.5	.4						
(S) 170-190	7.3	1.9	.2					
200-220	9.3	4.1	1.7	.5				
230-250	5.4	1.3	.4					
(W) 260-280	3.9	.6						
290-310	1.5							
320-340	.3							

. . . .
VARIABLE

CALM   ///.

TOTALS   44.3   11.3   2.3   .6

                           TOTAL NUMBER OF OBSERVATIONS   453

. . . .

JF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: SEP   HOURS: ALL
....

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

JT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
....
ED IN KNOTS
5-29 30-34 35-39 40-49 50-64 GE 65   TOTAL MEAN MEDIAN
....
                                              %   WIND   WIND
....

						7.9	3.3	3.0
						6.7	3.6	4.0
						2.3	2.7	2.0
						.9	2.3	2.0
						1.1	2.4	2.0
						3.9	2.7	2.0
						9.9	3.3	3.0
						15.8	4.9	3.0
						7.8	4.0	3.0
						4.5	3.2	3.0
						1.	2.9	3.0
						.4	2.0	2.0

....

/// 40.8 /////////////

                                     100.0   2.2   3.0

JSERVATIONS   463
....

B

C - 4 - 90

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

. . . .

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.3	.6						
020-040	.3	.2						
050-070	.5							
(E) 080-100	.1							
110-130	.2	.1						
140-160	4.5	1.7	.4					
(S) 170-190	12.6	5.1	1.1	.1				
200-220	3.4	2.3	.6					
230-250	.5	.4						
(W) 260-280	.3		.2					
290-310	.2							
320-340	.2							

VARIABLE

CALM //

| TOTALS | 24.9 | 11.0 | 2.3 | .1 | | | | |

TOTAL NUMBER OF OBSERVATIONS 930

A

C - 4 - 91

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                      MONTH: OCT   HOURS: 00-02

. . . .
EED IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.0	4.6	5.0
						1.1	3.3	3.0
						.5	2.0	2.0
						.1	1.0	1.0
						1.0	2.9	2.0
						5.7	4.2	4.0
						18.9	4.0	3.0
						7.0	5.2	5.0
						1.0	4.7	4.0
						1.0	4.6	3.0
						.2	2.5	2.5
						.2	2.0	2.0

. . . .

/// 61.5 ////////////

                                    100.0   1.6   4.0

OBSERVATIONS   930

. . . .

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                                LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.3	.8						
020-040	1.1	.5	.1					
050-070	.6	.2						
(E) 080-100	.6	.1						
110-130	1.1	.3						
140-160	3.4	2.7	.6					
(S) 170-190	10.8	6.0	1.1		.1			
200-220	1.3	2.3	.9					
230-250	.5	.2						
(W) 260-280	.3	.1						
290-310	.1							
320-340	.1							

VARIABLE

CALM ///

| TOTALS | 21.2 | 13.2 | 2.7 | | .1 | | | |

TOTAL NUMBER OF OBSERVATIONS   930

3 WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                      MONTH: OCT   HOURS: 03-05

. . . .

PEED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.5	4.9	4.5
						1.7	4.4	3.5
						.3	3.8	4.0
						.8	2.7	2.0
						1.4	2.9	2.0
						5.3	4.5	4.0
						18.0	4.6	4.0
						4.9	6.0	5.0
						.3	3.6	3.0
						.4	4.0	4.0
						.1	1.0	1.0
						.1	2.0	2.0

. . . .

/ 62.7 / / / / / / / / / / / /

| | | | 100.0 | 1.7 | 4.0 |

BSERVATIONS   930

. . . .

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.3	.4						
020-040	2.0	1.1	.1					
050-070	1.6	.2						
(E) 080-100	1.2							
110-130	1.2							
140-160	3.7	2.6	.4	.2				
(S) 170-190	7.7	.6	1.3					
200-220	3.1	3.4	.4	.1				
230-250	1.0							
(W) 260-280	.4	.1						
290-310	.2							
320-340	.2							
VARIABLE								
CALM	//
TOTALS	23.1	14.4	2.2	.3				

TOTAL NUMBER OF OBSERVATIONS   930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                    MONTH: OCT   HOURS: 06-03

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN
						1.2	4.3	4.0
						3.2	3.7	4.0
						1.8	2.5	2.0
						1.2	2.5	2.0
						1.2	2.5	2.0
						6.9	5.1	
						15.6	5.0	5.0
						7.1	5.3	5.0
						1.0	1.3	2.0
						.5	2.4	2.
						.2	2.5	2.5
						.2	1.5	1.5

// 59.9 ////////////

                                        100.0   1.8   4.0

SERVATIONS   930

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.5	2.4	.1					
020-040	4.7	4.5	.4					
050-070	2.5	1.0						
(E) 080-100	1.1	.1						
110-130	1.2	.2						
140-160	2.6	1.3	.3					
(S) 170-190	3.3	6.1	3.8	.3				
200-220	3.3	4.3	2.5	.3				
230-250	2.5	1.3	.3					
(W) 260-280	1.5	.2	.1	.1				
290-310	1.0							
320-340	1.5							
VARIABLE								
CALM	///							
TOTALS	30.3	22.4	8.0	1.2				

TOTAL NUMBER OF OBSERVATIONS   930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: OCT   HOURS: 09-11

. . . .
KNOTS
  30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
                                        %   WIND   WIND
. . . .

					TOTAL %	MEAN WIND	MEDIAN WIND
					7.0	4.0	4.0
					9.7	4.6	5.0
					3.4	3.4	3.0
					1.2	2.5	2.0
					1.4	2.3	2.0
					5.5	5.4	5.0
					14.4	7.4	7.0
					10.4	6.9	7.0
					4.1	4.3	4.0
					1.9	3.8	2.0
					1.0	1.8	2.0
					1.6	2.4	2.0

. . . .

/// 38.3 ////////////

                                        100.0   3.3   5.0

ATIONS   930
. . . .

B

C - 4 - 94

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PER:
                            LST TO UTC: + 8   MON

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(N) 350-010	10.1	9.0	.5						
020-040	5.5	5.4	1.0						
050-070	1.9	.8							
(E) 080-100	.4	.4							
110-130	.5								
140-160	1.4	.3	.6						
(S) 170-190	2.0	3.1	3.5	1.0					
200-220	1.3	4.9	4.2	.9	.1				
230-250	3.2	3.3	1.4	.1					
(W) 260-280	3.6	1.3	.1						
290-310	2.5	.2							
320-340	4.2	.6							

VARIABLE

CALM   //

| TOTALS | 37.0 | 30.4 | 11.3 | 2.0 | .1 | | | | |

                              TOTAL NUMBER OF OBSERVATIONS   930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: OCT   HOURS: 12-14

. . . .

N KNOTS

30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					19.7	4.8	4.0
					11.8	5.2	5.0
					2.7	3.3	3.0
					.9	4.3	4.5
					.6	2.8	2.5
					2.8	6.0	4.5
					9.7	3.5	5.0
					12.0	3.8	3.0
					8.4	5.1	5.0
					4.9	3.7	3.0
					2.7	2.8	3.0
					4.5	2.8	2.0

. . . .

///////////////////////////////////// 13.9 /////////////

| | | | | | 100.0 | 4.6 | 5.0 |

ATIONS   930

. . . .

ß

C - 4 - 95

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	7.2	6.3	1.1						
020-040	3.6	7.2	1.2						
050-070	1.7	.4							
(E) 080-100	.6	.2							
110-130	.5	.3							
140-160	1.5	1.7	.5						
(S) 170-190	2.5	4.4	1.8	.6					
200-220	2.6	4.6	3.0	.1					
230-250	2.2	2.7	.9	.1					
(W) 260-280	2.5	1.8	.3						
290-310	2.7	.9							
320-340	4.3	.4							

VARIABLE

CALM   ///////////////////////'///////////////////////////////////////

TOTALS	36.7	31.4	3.8	.3

TOTAL NUMBER OF OBSERVATIONS   930

θ

STON   PERIOD OF RECORD: JUN 78 - MAY 88
                 MONTH: OCT   HOURS: 15-17
....

NOTS

0-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					15.1	5.1	5.0
					17.0	4.9	4.0
					2.2	2.9	2.0
					.0	2.6	2.0
					.9	3.5	2.0
					3.8	5.7	5.0
					9.4	6.9	5.0
					10.3	7.2	7.0
					5.3	6.4	6.5
					4.6	4.8	4.0
					3.5	3.5	3.0
					4.7	2.9	2.0

....

/////////////////////////////////////// 21.9 ////////////

| | | | | | 100.0 | 4.2 | 5.0 |

IONS   930
....

B

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
                          LST TO UTC: + 8   M.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	2.0	.4							
020-040	7.3	1.4							
050-070	1.9	.1							
(E) 080-100	1.5								
110-130	1.1	.2							
140-160	3.1	2.5	.4						
(S) 170-190	5.3	5.0	1.3	.2					
200-220	2.5	3.4	1.0						
230-250	1.4	1.1	.1						
(W) 260-280	1.0	.3	.1						
290-310	.9								
320-340	.4	.2							
VARIABLE									
CALM	///								
TOTALS	27.0	15.5	2.9	.2					

TOTAL NUMBER OF OBSERVATIONS   930

A

URRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
LY OBSERVATIONS

STON   PERIOD OF RECORD: JUN 78 - MAY 88
              MONTH: OCT   HOURS: 18-20

....
NOTS

0-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.5	3.0	2.0
					8.7	3.0	3.0
					2.0	2.1	2.0
					1.5	2.1	2.0
					1.3	2.4	2.0
					5.0	4.6	4.0
					13.3	5.5	5.0
					7.0	5.7	5.0
					2.6	4.3	4.0
					1.4	4.3	4.0
					.9	2.3	2.0
					.0	3.3	2.5

//////////////////////////////////// 52.2 ////////////

                              100.0   2.1   4.0

TIONS   930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
LST TO UTC: + 8   MO

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
WIND SPEED IN KNOTS									
(N) 350-010	.2								
020-040	1.2	.4							
050-070	1.1	.1	.1						
(E) 080-100	1.0	.1							
110-130	1.3								
140-160	4.6	1.7	.4						
(S) 170-190	11.1	6.5	1.3	.2					
200-220	3.1	2.9	.5						
230-250	1.1	.3	.2						
(W) 260-280	.3								
290-310	.3								
320-340	.2								
VARIABLE									
CALM	///								
TOTALS	26.1	12.0	2.6	.2					

TOTAL NUMBER OF OBSERVATIONS   930

β

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON   PERIOD OF RECORD: JUN 78 - MAY 88
               MONTH: OCT   HOURS: 21-23
....

KNOTS

30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					.2	1.5	1.5
					1.6	3.7	3.0
					1.3	3.9	3.5
					1.1	2.6	2.0
					1.3	2.2	2.0
					6.3	4.1	4.0
					19.0	4.7	4.0
					6.7	5.3	5.0
					1.5	4.4	3.0
					.9	2.1	2.0
					.3	2.3	2.0
					.2	2.0	2.0

....

/////////////////////////////////////// 59.0 ////////////

| | | | | | 100.0 | 1.8 | 4.0 |

TIONS   930
....

C - 4 - 98

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
                           LST TO UTC: + 8   M

WIND SPEED IN KNOTS

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(DEGREES)									
(N) 350-010	3.2	2.5	.2						
020-040	3.0	2.6	.3						
050-070	1.5	.3	.0						
(E) 080-100	.3	.1							
110-130	1.0	.1							
140-160	3.1	2.0	.5	.0					
(S) 170-190	7.0	5.5	1.9	.4	.0				
200-220	2.7	3.5	1.7	.2	.0				
230-250	1.5	1.2	.4	.0					
(W) 260-280	1.4	.5	.1	.0					
290-310	1.0	.1							
320-340	1.4	.2							
VARIABLE									
CALM	///
TOTALS	28.5	18.8	5.1	.6					

TOTAL NUMBER OF OBSERVATIONS 7440

A

CCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
JRLY JBSERVATIONS

INGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                   MONTH: OCT   HOURS: ALL

KNOTS

30-34	35-39	40-49	-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					5.0	4.7	4.0
					5.9	4.5	4.0
					1.9	3.0	2.0
					.9	2.6	2.0
					1.1	2.5	2.0
					5.7	4.9	4.0
					14.8	5.5	5.0
					3.2	6.6	6.0
					3.1	5.4	5.0
					2.0	4.0	3.0
					1.1	2.9	2.0
					1.6	2.7	2.0

// 56.8 ////////////

                                        100.0   2.6   4.0

ATIONS 7440

𝑏

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON   D
                           LST TO UTC: + 8   M

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1
                                    AND/OR
               VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (

                                                WIND SPEED IN KNOTS
DIRECTION   1-4   5-9   10-14 15-19 20-24 25-29 30-34 35-39 40
(DEGREES)

(N) 350-010   3.3   2.0

    020-040   4.7   3.4   .3

    050-070   3.1   .3

(E) 080-100   2.0   .1

    110-130   1.3   .1

    140-160   3.0   .3

(S) 170-190   6.3   .9   .5

    200-220   2.1   1.2

    230-250   1.3   .5   .3

(W) 260-280   1.2

    290-310   .4

    320-340   1.0

VARIABLE

CALM   ///

TOTALS   30.2   9.3   1.1

                           TOTAL NUMBER OF OBSERVATIONS   762

                              A

                                                        C - 4 - 100

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON   PERIOD OF RECORD: JUN 78 - MAY 85
               MONTH: OCT   HOURS: ALL
....

VISIBILITY OF 1/2 MILE (0800 METERS).

S THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
....
KNOTS
30-34 35-39 40-49 50-54 GE 65   TOTAL MEAN MEDIAN
....
                                      %   WIND WIND
....

                                     5.2   3.8   4.0

                                     3.4   4.1   4.0

                                     3.3   3.1   3.0

                                     2.1   2.3   2.0

                                     2.0   1.9   2.0

                                     3.3   2.6   2.0

                                     7.7   3.4   2.0

                                     3.3   3.9   4.0

                                     2.1   4.5   3.5

                                     1.2   2.3   2.0

                                      .4   1.7   2.0

                                     1.0   2.3   2.0

....

/////////////////////////////////// 59.3 ///////////

                                    100.0   1.4   3.0

TIONS   762
....

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
LST TO UTC: + 8   MO

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	1.0	.2		.2					
020-040	2.9	.3	.3	.4					
050-070	1.3	.3							
(E) 080-100	1.2	.4							
110-130	1.7	.1	.1						
140-160	4.0	2.2	.3	.1					
(S) 170-190	7.3	9.6	2.6	.3					
200-220	3.3	4.4	2.8	.9					
230-250	1.3	.3		.2					
(W) 260-280	.4	.2							
290-310	.1								
320-340	.3	.1							
VARIABLE									
CALM	//								
TOTALS	26.6	13.7	6.1	2.1					

WIND SPEED IN KNOTS

TOTAL NUMBER OF OBSERVATIONS   400

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON   PERIOD OF RECORD: JUN 73 - MAY 88
               MONTH: NOV   HOURS: 00-02

KNOTS

30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.4	5.3	4.0
					4.0	5.4	3.0
					2.2	2.3	2.0
					1.7	3.3	3.0
					1.9	2.2	2.0
					5.7	4.4	4.0
					20.3	5.9	6.0
					12.0	7.3	7.0
					2.4	5.5	4.0
					.7	3.0	2.0
					.1	4.0	4.0
					.4	4.0	3.0

/////////////////////////////////////// 45.1 ///////////

| | | | | | 100.0 | 3.0 | 5.0 |

TIONS 900

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                      LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	.8	.1	.1						
020-040	3.3	1.1	.2	.6					
050-070	1.4	.1	.2						
(E) 080-100	1.2	.2							
110-130	1.1	.2							
140-160	4.4	2.0	.3		.1				
(S) 170-190	9.3	8.9	2.9	1.0	.1				
200-220	2.8	3.4	1.6						
230-250	1.5	.2	.1	.3					
(W) 260-280	.3	.2							
290-310	.1								
320-340	.3								

VARIABLE

CALM   //

| TOTALS | 27.6 | 16.4 | 5.4 | 1.9 | .2 | | | | |

TOTAL NUMBER OF OBSERVATIONS   900

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                 MONTH: NOV   HOURS: 03-05

IN KNOTS

30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.0	3.8	4.0
					5.2	5.0	4.0
					1.3	3.7	2.0
					1.4	2.7	2.0
					1.3	2.9	2.0
					6.3	4.1	3.0
					22.7	5.9	5.0
					7.8	6.5	7.0
					2.2	5.5	4.0
					1.0	3.6	3.0
					.1	3.0	3.0
					.3	1.7	2.0
/////////////////////////////////					43.2	///////////	
					100.0	2.7	4.0

ATIONS   900

C - 4 - 102

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.1	.1							
020-040	2.3	1.3	.9	.3					
050-070	1.0	.2							
(E) 080-100	1.4	.2							
110-130	.9	.2							
140-160	4.3	2.2	.2				.1	.1	
(S) 170-190	3.3	11.0	3.2	.4			.1		
200-220	3.0	3.0	1.0						
230-250	1.2	.2	.2						
(W) 260-280	.7	.1							
290-310	.2								
320-340	.2								
VARIABLE									
CALM	///								
TOTALS	25.2	19.5	5.5	.7		.2	.1		

                                    TOTAL NUMBER OF OBSERVATIONS   900

A

GTON   PERIOD OF RECORD: JUN 78 - MAY 88
            MONTH: NOV   HOURS: 06-08

NOTS

0-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.2	2.8	2.0
					4.9	6.0	5.5
					1.2	2.5	2.0
					1.7	2.9	2.0
					1.1	3.4	3.0
.1					7.6	4.5	3.5
					23.1	6.2	6.0
					7.0	5.7	6.0
					1.7	4.4	4.0
					.8	3.0	3.0
					.2	1.5	1.5
					.2	2.0	2.0

/////////////////////////////////// 49.3 /////////////

| .1 | | | | | 100.0 | 2.7 | 4.5 |

IONS   900

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                        LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.3	.9	.2						
020-040	3.7	2.3	.9	.1					
050-070	1.7	.7	.3						
(E) 080-100	1.3								
110-130	1.0	.6	.1						
140-160	3.3	2.8	.9	.1					
(S) 170-190	6.6	9.1	3.6	1.1	.4	.2			
200-220	3.2	3.9	3.4	.2	.1				
230-250	1.5	.8	.6						
(W) 260-280	1.4	.3							
290-310	.2		.1						
320-340	.7	.1							

VARIABLE

CALM ///

| TOTALS | 27.0 | 21.5 | 10.1 | 1.5 | .5 | .2 |

TOTAL NUMBER OF OBSERVATIONS   900

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                       MONTH: NOV   HOURS: 09-11
....
IN KNOTS

30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND DIR	MEDIAN WIND DIR
					2.4	4.5	3.5
					7.0	5.4	4.0
					2.7	4.4	3.5
					1.8	2.3	2.0
					1.7	4.1	3.0
					7.6	5.3	4.5
					21.0	7.2	6.0
					10.9	7.3	7.0
					2.9	5.4	4.0
					1.8	3.8	4.0
					.3	6.0	4.0
					.3	3.0	3.0

....

////////////////////////////////// 39.2 ////////////

| | | | | | 100.0 | 3.7 | 5.0 |

ATIONS   900
....

NGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                 MONTH: NOV   HOURS: 12-14

KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					5.8	5.3	5.0
					9.4	5.6	5.0
					3.8	4.7	3.0
					.7	3.2	2.0
					1.7	3.2	4.0
					6.3	6.5	5.0
					15.8	8.1	8.0
					16.3	8.2	6.0
					6.2	5.3	5.0
					2.1	4.9	3.0
					.9	2.1	2.0
					2.4	3.0	3.0

/// 26.1 ////////////

                                 100.0   4.9   6.0

ATIONS   900

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON

LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	2.7	3.2	.4						
020-040	5.6	3.0	.9	.2					
050-070	2.6	.7	.2						
(E) 080-100	2.3	.1							
110-130	1.4	.3							
140-160	3.2	1.7	.7	.1					
(S) 170-190	4.8	3.0	4.3	.6	.3				
200-220	3.8	6.7	2.7	.8	.1				
230-250	1.9	1.3	.7						
(W) 260-280	.7	.2							
290-310	.9	.2							
320-340	1.9	.2							

VARIABLE

CALM ///

| TOTALS | 31.8 | 27.1 | 9.9 | 1.7 | .4 | | | | |

TOTAL NUMBER OF OBSERVATIONS   900

A

INGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                MONTH: NOV   HOURS: 15-17

KNOTS

30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					6.3	5.1	5.0
					3.7	5.1	4.0
					3.4	3.8	3.0
					2.4	2.2	2.0
					1.8	3.3	2.5
					5.7	4.9	4.0
					19.0	7.5	7.0
					14.0	7.4	7.0
					4.3	5.3	5.0
					.9	3.5	4.0
					1.1	3.3	3.0
					2.1	2.8	2.0

/// 29.2 ///////////

| | | | | | 100.0 | 4.2 | 5.0 |

TIONS   900

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO JTC: + 3

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.3	.8	.2						
020-040	3.0	2.0	.6						
050-070	1.3	.4							
(E) 080-100	2.1	.3							
110-130	1.3		.1						
140-160	4.6	3.0	1.7		.1				
(S) 170-190	7.3	10.1	3.4	.6	.2				
200-220	3.2	4.1	2.0	.2					
230-250	.3	1.2	.4						
(W) 260-280	.1								
290-310	.2	.1							
320-340	.2								

VARIABLE

CALM ///

TOTALS   25.9   22.0   8.4   .3   .3

TOTAL NUMBER OF OBSERVATIONS   900

β

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                  MONTH: NOV   HOURS: 18-20

IN KNOTS
?   30-34   35-39   40-49   50-64   GE 65   TOTAL   MEAN   MEDIAN
                                            %   WIND   WIND

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.3	4.6	4.0
					5.5	4.9	4.0
					1.3	3.1	3.0
					2.4	3.0	3.0
					1.9	2.5	2.0
					9.3	5.7	5.0
					21.7	6.6	6.0
					3.6	7.0	7.0
					2.4	6.7	6.0
					.1	2.0	2.0
					.3	4.0	4.0
					.2	2.5	2.5

/// 42.3 ////////////

                                   100.0   3.4   5.0

VATIONS   900

                                     B

C - 4 - 107

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATION

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.3	.1							
020-040	2.4	.7	.7	.1					
050-070	2.0	.2							
(E) 080-100	1.2								
110-130	1.2	.2							
140-160	5.4	2.3	1.0	.1					
(S) 170-190	7.3	9.1	3.6	1.1	.1				
200-220	3.3	3.6	3.1	.4					
230-250	1.3	.3	.1	.1					
(W) 260-280	.4			.1					
290-310	.1								
320-340		.2							

VARIABLE

CALM ///

TOTALS	23.9	16.7	8.5	1.9	.1

TOTAL NUMBER OF OBSERVATIONS   900

A

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON   PERIOD OF RECORD: JUN 73 - MAY 88
             MONTH: NOV   HOURS: 21-23
....
KNOTS
30-34 35-39 40-49 50-64 GE 65   TOTAL   MEAN   MEDIAN
                                      %   WIND   WIND
....

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.4	3.0	3.0
					3.9	5.3	3.0
					2.2	3.0	3.0
					1.2	2.6	2.0
					1.4	2.3	2.0
					9.3	4.5	4.0
					23.2	6.3	6.0
					10.4	7.2	7.0
					1.3	4.3	4.0
					.6	5.6	4.0
					.1	1.0	1.0
					.2	3.0	3.0

/////////////////////////////////////// 43.4 ///////////
                                        100.0   3.2   4.0

ATIONS   900
....

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   F
                            LST TO UTC: + 8   F

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.6	1.1	.2	.0					
020-040	3.4	1.5	.7	.2					
050-070	1.3	.4	.2	.0					
(E) 080-100	1.5	.2							
110-130	1.3	.3	.0						
140-160	4.2	2.4	.8	.1	.0	.0	.0		
(S) 170-190	7.1	9.2	3.7	.7	.2	.0			
200-220	3.4	4.4	2.6	.4	.1				
230-250	1.6	.9	.4	.1	.0				
(W) 260-280	.7	.2	.1	.0					
290-310	.3	.0	.0						
320-340	.7	.1							
VARIABLE									
CALM	//								
TOTALS	27.6	21.0	8.7	1.5	.3				

TOTAL NUMBER OF OBSERVATIONS 7200

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                  MONTH: NOV   HOURS: ALL
....
IN KNOTS
9 30-34 35-39 40-49 50-54 GE 65   TOTAL   MEAN   MEDIAN
....
                                        %   WIND   WIND
....
                                       2.9   4.7   4.0

                                       6.2   5.3   4.0

                                       2.4   3.7   3.0

                                       1.7   2.7   2.0

                                       1.6   3.1   2.0

0   .0   7.5   5.0   4.0

0   21.0   6.7   6.0

                                       11.0   7.3   7.0

                                       3.0   5.8   4.0

                                       1.0   4.0   3.0

                                        .4   3.1   3.0

                                        .8   3.0   3.0
....

// 40.5 ////////////

                                      100.0   3.5   5.0

VATIONS   7200
....

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATION

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE
                                    AND/OR
             VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	2.4	1.3	.5						
020-040	5.1	2.1	1.4	.9					
050-070	3.2	.2							
(E) 080-100	1.8	.1							
110-130	1.3								
140-160	3.3	.2	.1						
(S) 170-190	5.1	.9	1.5	.2					
200-220	2.5	1.2	.5						
230-250	2.4	.5	.1						
(W) 260-280	.9	.1							
290-310	.4								
320-340	.7	.1							
VARIABLE									
CALM	///								
TOTALS	29.6	7.2	4.1	1.1					

                                TOTAL NUMBER OF OBSERVATIONS   849

β

INGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                MONTH: NOV   HOURS: ALL
....

H VISIBILITY GE 1/2 MILE (0800 METERS).

SS THAN 3 MILES (4800 METERS) WITH CEILING GF 200 FEET.
....
KNOTS
30-34   35-39   40-49   50-64   GE 65   TOTAL   MEAN   MEDIAN
....
                                          %   WIND   WIND
....
                                         4.6   4.9   4.0
                                         9.5   6.0   4.0
                                         3.4   2.2   2.0
                                         1.3   2.3   2.0
                                         1.3   1.8   2.0
                                         4.1   2.5   2.0
                                         7.8   5.0   3.0
                                         4.1   5.0   4.0
                                         2.9   3.8   4.0
                                         1.1   3.1   3.0
                                          .4   2.3   2.0
                                          .8   2.7   2.0
....

///////////////////////////////////// 53.1 ///////////////

                                        100.0   1.8   3.0

ATIONS   849
....

b

C   4   110

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   D

LST TO UTC: + 8   M

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	.3	.2							
020-040	1.9	1.3	.4						
050-070	1.5	.3							
(E) 080-100	1.0								
110-130	1.7	.1							
140-160	4.1	1.7	.9						
(S) 170-190	9.5	6.2	3.4	1.0					
200-220	3.2	2.8	3.7	.5	.2				
230-250	1.1	.3	1.0	.2					
(W) 260-280	.2	.1							
290-310	.1								
320-340	.1								
VARIABLE									
CALM	///
TOTALS	25.2	13.5	9.4	1.7	.2				

TOTAL NUMBER OF OBSERVATIONS 930

A

STON   PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC   HOURS: 00-02

. . . .

NOTS							
0-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.0	3.1	2.0
					3.7	4.9	4.0
					1.8	2.9	3.0
					1.0	2.3	2.0
					1.8	2.8	2.0
					6.7	5.1	4.0
					20.1	6.1	5.0
					10.4	7.9	8.0
					3.0	7.8	7.5
					.3	3.2	2.0
					.1	1.0	1.0
					.1	2.0	2.0

. . . .

/////////////////////////////////////// 50.0 /////////////

| | | | | | 100.0 | 3.0 | 4.0 |

TIONS   930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
                          LST TO UTC: + 8   M

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	.3	.1							
020-040	2.0	1.2	.8	.1					
050-070	1.6	.4							
(E) 080-100	1.1	.1							
110-130	1.0	.3	.1						
140-160	3.0	1.4	1.2	.1					
(S) 170-190	3.3	5.1	3.9	1.3	.1				
200-220	3.3	4.3	2.8	.8					
230-250	1.8	.5	1.1	.3					
(W) 260-280	.2	.1							
290-310	.1								
320-340	.2								
VARIABLE									
CALM	///								
TOTALS	23.4	13.5	9.9	2.6	.1				

TOTAL NUMBER OF OBSERVATIONS   930

A

GTON   PERIOD OF RECORD: JUN 78 - MAY 88
              MONTH: DEC   HOURS: 03-05

KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					.9	2.8	2.0
					4.1	5.6	4.5
					2.0	3.5	4.0
					1.2	3.0	3.0
					1.4	4.0	2.0
					5.7	5.5	4.0
					19.6	6.5	5.0
					11.2	7.4	8.0
					3.3	7.0	6.0
					.3	3.3	2.0
					.1	3.0	3.0
					.2	1.5	1.5

/// 50.5 ////////////

                              100.0   3.0   5.0

TIONS   930

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

··
                                        ──WIND SPEED IN KNOTS──
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.6							
020-040	1.9	1.3	.8					
050-070	1.2	.6	.1					
(E) 080-100	1.2							
110-130	1.6	.2						
140-160	5.2	1.1	.8	.1				
(S) 170-190	8.7	5.9	3.8	1.1				
200-220	2.9	3.3	2.9	.3	.2	.1		
230-250	.3	.9	.5					
(W) 260-280	.3							
290-310	.1							
320-340	.3							

··
VARIABLE

CALM   ///

TOTALS	25.3	13.3	3.9	1.5	.2	.1

                           TOTAL NUMBER OF OBSERVATIONS   930
··

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                 MONTH: DEC   HOURS: 06-08

IN KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					.6	3.0	3.0
					4.0	5.7	5.0
					1.3	4.4	4.0
					1.2	2.6	2.0
					1.8	2.6	2.0
					7.1	4.5	3.0
					19.5	6.3	6.0
					9.8	7.8	7.0
					2.2	6.3	6.0
					.8	2.0	2.0
					.1	2.0	2.0
					.3	3.3	4.0

// 50.3 ///////////

                                          100.0   2.9   4.0

ATIONS   930

Ø

C - 4 - 113

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.5	.5							
020-040	3.5	2.6	.6						
050-070	3.0	.5							
(E) 080-100	1.5	.1							
110-130	1.4	.5	.1						
140-160	2.3	1.7	1.1	.2					
(S) 170-190	7.2	7.2	4.7	1.0	.2				
200-220	4.0	3.5	2.0	.3					
230-250	2.5	.9	.3						
(W) 260-280	.4	.2	.1	.2					
290-310	.2								
320-340	.8	.1							
VARIABLE									
CALM	///								
TOTALS	29.2	17.9	3.9	1.7	.2				

TOTAL NUMBER OF OBSERVATIONS   930

β

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: DEC   HOURS: 09-11

KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.0	3.4	2.0
					7.0	4.7	4.0
					3.7	2.3	2.5
					1.6	2.3	2.0
					2.0	3.7	2.0
					5.9	5.9	6.0
					20.3	7.2	7.0
					9.9	6.7	5.0
					3.7	4.1	3.0
					1.0	7.7	5.0
					.2	2.0	2.0
					.9	3.1	2.5

/////////////////////////////////////// 41.8 ////////////

| | | | | | 100.0 | 3.3 | 4.0 |

OBSERVATIONS   930

6

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	3.5	2.4	.3						
020-040	5.6	4.9	1.5						
050-070	3.5	.5	.1						
(E) 080-100	2.3	.1							
110-130	1.0		.1						
140-160	2.2	.9	.9	.1					
(S) 170-190	3.2	5.3	4.1	1.2	.2				
200-220	4.1	6.1	5.6	.3	.2				
230-250	3.0	1.4	.8	.3					
(W) 260-280	2.2	.4	.1	.1					
290-310	1.0	.1	.1						
320-340	1.4	.1							
VARIABLE									
CALM	///								
TOTALS	33.0	22.2	13.6	2.5	.4				

                              TOTAL NUMBER OF OBSERVATIONS   930

A

CCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
JRLY OBSERVATIONS

INGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                MONTH: DEC   HOURS: 12-14

KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					5.2	4.4	4.0
					12.0	5.3	5.0
					4.2	3.3	3.0
					2.4	2.3	2.0
					1.1	2.8	2.0
					4.0	5.2	4.0
					14.0	9.4	8.0
					16.8	7.9	5.0
					5.5	5.7	4.0
					2.8	3.9	3.0
					1.2	3.4	3.0
					1.5	2.5	2.0

/////////////////////////////////////// 28.4 ///////////

| | | | | | 100.0 | 4.4 | 5.0 |

TIONS   930

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATION

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                        LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	2.7	1.7	.2	.2					
020-040	8.7	4.0	.8						
050-070	3.2	.8	.5						
(E) 080-100	1.5	.2							
110-130	1.3	.4							
140-160	3.0	1.5	.9						
(S) 170-190	5.9	6.3	3.0	.4	.1				
200-220	3.2	4.9	3.0	.4					
230-250	1.6	1.1	1.2	.3					
(W) 260-280	.6	.2	.1						
290-310	.3	.3							
320-340	1.2	.1							

VARIABLE

CALM   ///

TOTALS	35.1	21.5	9.7	1.3	.1

TOTAL NUMBER OF OBSERVATIONS   930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                 MONTH: DEC   HOURS: 15-17
....
IN KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					4.8	5.1	4.0
					13.4	4.2	4.0
					5.2	3.6	2.5
					1.8	2.7	2.0
					2.4	3.0	2.0
					5.4	4.8	4.0
					15.8	6.6	6.0
					11.6	7.2	7.0
					4.2	7.2	6.0
					1.0	4.0	3.0
					1.1	3.2	2.0
					1.3	2.9	3.0

// 32.0 ///////////////

| | | | | | 100.0 | 3.7 | 4.0 |

VATIONS   930

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATION

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.3	.3	.1						
020-040	4.6	2.2	.1						
050-070	2.0	.3	.1						
(E) 080-100	1.3	.5							
110-130	1.8	.4	.1						
140-160	4.5	2.3	.8	.1					
(S) 170-190	3.0	6.7	3.1	.2					
200-220	2.7	3.7	2.4	.2	.2				
230-250	.9	.3	1.0	.1	.1				
(W) 260-280	.4		.2						
290-310	.2								
320-340	.5								

VARIABLE

CALM   ///

| TOTALS | 29.0 | 17.7 | 7.9 | .6 | .3 | | | | |

TOTAL NUMBER OF OBSERVATIONS   930

β

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 86
                   MONTH: DEC   HOURS: 18-20
....
N KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.3	3.1	2.0
					5.9	3.9	3.5
					2.5	3.7	3.0
					1.8	3.0	2.0
					2.4	3.5	2.0
					8.5	4.8	4.0
					18.0	5.8	5.0
					9.1	7.2	7.0
					2.3	8.0	7.5
					.6	5.3	3.0
					.2	1.5	1.5
					.5	1.8	1.0

/// 44.4 /////////////

                                            100.0   2.9   4.0

ATIONS   930
....

6

C - 4 - 117

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.0	.1	.1						
020-040	2.5	.9	.4	.1					
050-070	1.6	.6	.1						
(E) 080-100	1.0	.1							
110-130	1.9	.3							
140-160	5.5	2.4	1.0						
(S) 170-190	9.3	5.9	4.2	.8	.3				
200-220	2.5	2.8	3.3						
230-250	.5	.5	.6	.2					
(W) 260-280	.5								
290-310	.2								
320-340	.4	.2							

VARIABLE

CALM   //

TOTALS	27.4	13.8	9.7	1.1	.3

TOTAL NUMBER OF OBSERVATIONS   930

A

CCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
JRLY OBSERVATIONS

INGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                MONTH: DEC   HOURS: 21-23

KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.2	3.6	3.0
					3.9	4.8	4.0
					2.4	4.0	2.5
					1.1	2.6	2.0
					2.3	2.8	2.0
					8.3	4.8	4.0
					21.0	6.4	5.0
					9.6	7.4	8.0
					1.3	8.4	8.5
					.5	2.4	2.0
					.2	2.5	2.5
					.5	6.3	4.0

/////////////////////////////////////: 47.5 ////////////

| | | | | | 100.0 | 3.0 | 4.0 |

TIONS   930

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.6	.7	.1	.0					
020-040	3.9	2.3	.7	.0					
050-070	2.3	.5	.1						
(E) 080-100	1.4	.1							
110-130	1.5	.3	.1						
140-160	3.8	1.7	.9	.1					
(S) 170-190	7.6	6.1	3.8	.9	.1				
200-220	3.2	3.9	3.2	.4	.1	.0			
230-250	1.5	.8	.8	.2	.0				
(W) 260-280	.7	.1	.1	.0					
290-310	.3	.1	.0						
320-340	.6	.1							
VARIABLE									
CALM	///								
TOTALS	28.4	16.7	9.8	1.6	.2				

TOTAL NUMBER OF OBSERVATIONS 7440

C - 4 - 118

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                 MONTH: DEC   HOURS: ALL

N KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
					%	WIND	WIND
					2.4	4.1	3.0
					6.9	4.8	4.0
					3.0	3.5	3.0
					1.5	2.6	2.0
					1.9	3.1	2.0
					6.5	5.0	4.0
					18.4	6.6	6.0
					10.9	7.5	7.0
					3.4	6.6	6.0
					.9	4.2	3.0
					.4	2.9	2.0
					.7	2.8	2.0

// 43.2 ////////////

| | | | | | 100.0 | 3.3 | 4.0 |

ATIONS 7440

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFA(
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIO'

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE
                                   AND/OR
             VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.0	1.0						
020-040	6.2	3.3	1.0	.1				
050-070	3.0	.7						
(E) 080-100	2.1	.2						
110-130	1.4							
140-160	2.2	.2						
(S) 170-190	3.9	1.0	1.5	.2				
200-220	3.1	1.4	1.7	.7				
230-250	1.6	.2	.2					
(W) 260-280	.4							
290-310	.2	.1						
320-340	.7	.1						
VARIABLE								
CALM	///							
TOTALS	27.8	8.7	4.5	1.0				

                                    TOTAL NUMBER OF OBSERVATIONS   921

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                 MONTH: DEC   HOURS: ALL
....

TH VISIBILITY GE 1/2 MILE (0800 METERS).

ESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
....
N KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
					%	WIND	WIND
					4.0	3.4	3.0
					11.2	4.9	4.0
					3.7	3.2	3.0
					2.3	2.6	2.0
					1.4	2.2	2.0
					2.4	2.3	2.0
					6.6	5.7	4.0
					6.9	6.3	5.0
					2.1	3.8	2.0
					.4	2.8	3.0
					.3	5.0	4.0
					.8	2.9	2.0

// 57.9 ////////////

| | | | | | 100.0 | 1.9 | 3.0 |

VATIONS   921
....

C - 4 - 120

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

. . . .
                                                        WIND SPEED IN KNOTS

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(DEGREES)									
(N) 350-010	2.8	2.3	.4	.0					
020-040	4.0	2.9	.5	.0	.0				
050-070	1.4	.3	.0	.0	.0				
(E) 080-100	.8	.1	.0						
110-130	1.0	.1	.0	.0					
140-160	3.2	1.2	.3	.0	.0	.0	.0		
(S) 170-190	3.0	5.4	1.3	.3	.0	.0	.0		
200-220	4.4	5.2	2.4	.3	.0	.0			
230-250	3.1	2.4	1.0	.2	.0	.0	.0		
(W) 260-280	2.9	1.6	.3	.0	.0				
290-310	2.0	.6	.1						
320-340	1.8	.5	.0	.0					

. . . .
VARIABLE

CALM   ///

TOTALS   35.4   22.6   6.8   .8

                            TOTAL NUMBER OF OBSERVATIONS: 37664
. . . .

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
JURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                 MONTH: ALL   HOURS: ALL
....
N KNOTS

30-34	35-39	40-49	50-54	GE 65	TOTAL	MEAN	MEDIAN
					%	WIND	WIND
					5.6	4.9	4.0
					7.4	4.8	4.0
					1.3	3.4	3.0
					.9	2.7	2.0
					1.1	2.9	2.0
.0					4.8	4.1	3.0
.0					15.5	5.3	4.0
					12.4	6.5	6.0
.0					6.5	5.8	5.0
					4.8	4.6	4.0
					2.6	3.6	3.0
					2.3	3.4	3.0

....

/// 34.0 ///////////

                                100.0   3.4   4.0

ATIONS: 87664
....

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC

USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON

LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	2.6	1.0	.1						
020-040	4.3	2.2	.4	.1					
050-070	2.3	.3							
(E) 080-100	1.2	.1							
110-130	1.2	.0							
140-160	2.3	.4	.1						
(S) 170-190	6.1	1.5	.3	.2					
200-220	5.3	3.4	1.4	.2	.0				
230-250	4.4	1.6	.3	.0	.0				
(W) 260-280	2.3	.5	.1	.0					
290-310	1.2	.2	.0						
320-340	1.0	.2							

VARIABLE

CALM //

TOTALS 35.7 11.4 3.2 .5

TOTAL NUMBER OF OBSERVATIONS: 6654

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
          MONTH: ALL   HOURS: ALL
. . . .

ITH VISIBILITY GE 1/2 MILE (0800 METERS).

LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
. . . .
IN KNOTS

2	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.7	3.7	3.0
						7.1	4.5	4.0
						2.6	2.8	2.0
						1.4	2.5	2.0
						1.3	2.2	2.0
						3.2	2.8	2.0
						8.7	4.3	3.0
						10.8	5.2	4.0
						5.4	3.9	3.0
						3.3	3.2	2.0
						1.4	2.9	2.0
						1.2	2.7	2.0

/// 49.0 ////////////

                             100.0   2.1   3.0

VATIONS: 6654

```
PPPPPPP        AAAAAA      RRRRRRRR      IIIIIIIIII
PPPPPPPPP     AAAAAAAA     RRRRRRRR      TTTTTTTTTT
PP     PP     AA    AA     RR    RR         II
PP     PP     AA    AA     RR    RR         TT
PPPPPPPP      AA    AA     RRRRRRRR         II
PPPPPPP     AAAAAAAAAA     RRRRRRRR         TT
PP          AAAAAAAAAA     RR    RR         II
PP          AA    AA       RR    RR         TT
PP          AA    AA       RR    RR         II
PP          AA    AA       RR    RR         TT
```

```
RR        IIIIIIIIII          OOOOOOOO
RRR       TTTTTTTTTT          OOOOOOOOO
 RR           II             OO      OO
 RR           TT             OO      OO
:RRR          II             OO      OO
:RR           TT             OO      OO
RR            II             OO      OO
 RR           TT             OO      OO
 RR           II             OOOOOOOOO
  RR          TT             OOOOOOOOO
```

0 - 1 - 1

CEILING VERSUS VISIBILITY AND SKY COVE

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY
CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS
OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (EA
"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILI
(METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MI
TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EAC

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES,
DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF)
AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN
TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM T
CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUM
TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM R
DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SE
THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEI
COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPO
MILES OR 9000 METERS. VALUES EXCEEDING 9000 METE

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "C
THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .=
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 S

SKY COVER--PERCENT OCCURRENCE FREQUENCY.
ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMA
OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHT
AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY
OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STAT
POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/
SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR

A

ART D

ILITY AND SKY COVER SUMMARIES

CURRENCE FREQUENCY (POF).
NS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION
SSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--
SS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES
JAL TO 7 STATUTE MILES (11,200 METERS)). THE
OLLOWS:

IME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

L HOURS COMBINED).

HOURS COMBINED).

OF THESE SUMMARIES, IT IS POSSIBLE TO
CE FREQUENCY (POF) FOR ANY GIVEN CEILING
ER SEPARATELY OR IN ANY COMBINATION.
I AND FROM BOTTOM TO TOP. TO DETERMINE
ME RIGHT-HAND COLUMN (ZERO VISIBILITY).
FER TO THE BOTTOM ROW (ZERO CEILINGS).
XCEEDS ANY GIVEN SET OF MAXIMA BY READING
THE APPROPRIATE CEILING ROW AND VISIBILITY

TATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE
EXCEEDING 9000 METERS ARE REPORTED AS "9999."

ATIONS REPORTING "CAVOK", ALL CEILINGS GREATER
000 FEET CLASS.

609.344 METERS = .868391 NAUTICAL MILES.
N OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

QUENCY.
VATIONS, THIS SUMMARY GIVES PERCENTAGE
SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT
VERCAST, PARTIALLY OBSCURRED, OR TOTALLY
FOR AIRWAYS STATIONS. THIS SUMMARY ALSO GIVES
ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE

AVAILABLE FOR METAR REPORTING STATIONS.

D - 1 - 2

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8...................................CLEAR

1/8 THRU 4/8........................SCATTERED

5/8 THRU 7/8........................BROKEN

8/8...................................OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

0 - 1 - 3

A   D

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
                           LST TO UTC: + 8   M

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	16.6	17.7	19.2	20.0	21.4	21.7	22.3	22.7	22.7
GE 20000	17.3	19.2	20.8	21.5	23.2	23.7	24.3	24.7	24.7
GE 18000	18.0	19.5	21.0	21.7	23.4	23.9	24.5	24.9	24.9
GE 16000	18.0	19.5	21.0	21.7	23.5	24.0	24.6	25.1	25.1
GE 14000	18.5	20.1	21.8	22.6	24.5	24.9	25.6	26.1	26.1
GE 12000	19.4	21.1	22.8	23.5	25.6	26.0	26.7	27.2	27.2
GE 10000	21.1	23.1	25.2	26.2	28.3	28.7	29.6	30.1	30.1
GE 9000	21.2	23.3	25.5	26.3	29.0	29.5	30.3	30.9	30.9
GE 8000	24.4	26.8	29.2	30.4	32.9	33.5	34.4	35.2	35.2
GE 7000	26.1	28.3	31.3	32.6	35.1	35.7	36.6	37.3	37.3
GE 6000	27.1	29.8	32.3	33.7	36.1	36.8	37.6	38.4	38.4
GE 5000	30.3	33.1	35.9	37.4	40.1	40.3	41.6	42.4	42.4
GE 4500	35.2	38.4	41.3	43.0	45.7	46.3	47.2	48.0	48.0
GE 4000	39.3	43.3	47.0	49.0	51.9	52.6	53.4	54.2	54.2
GE 3500	44.5	48.2	51.9	54.0	57.4	58.1	58.9	59.7	59.7
GE 3000	48.0	51.8	56.0	58.4	62.0	62.7	63.7	64.4	64.4
GE 2500	51.4	55.4	59.9	62.3	66.0	66.7	67.5	68.4	68.4
GE 2000	53.2	57.3	62.2	64.5	68.4	69.0	70.1	70.9	70.9
GE 1800	53.7	57.7	62.6	64.9	68.8	69.5	70.5	71.3	71.3
GE 1500	55.2	59.2	64.1	66.5	70.4	71.1	72.2	73.2	73.2
GE 1200	55.7	59.8	64.6	67.0	71.0	71.6	72.7	74.1	74.1
GE 1000	56.2	60.4	65.5	67.8	72.4	73.0	74.2	75.6	75.6
GE 900	56.5	60.8	65.9	68.3	72.8	73.4	74.7	76.3	76.3
GE 800	56.5	60.9	66.0	68.4	72.9	73.5	74.8	76.5	76.5
GE 700	56.6	60.9	66.1	68.5	73.2	73.9	75.2	76.9	76.9
GE 600	56.7	61.0	66.7	69.0	73.8	74.4	75.9	77.6	77.6
GE 500	56.7	61.0	66.8	69.1	74.0	74.6	76.6	78.4	78.4
GE 400	56.7	61.0	66.8	69.1	74.3	75.1	77.2	79.1	79.1
GE 300	56.7	61.0	66.8	69.1	74.3	75.1	77.2	79.1	79.1
GE 200	56.7	61.1	67.0	69.5	74.7	75.5	77.6	79.6	79.6
GE 100	56.7	61.1	67.0	69.5	74.7	75.5	77.6	79.6	79.6
GE 000	56.7	61.1	67.0	69.5	74.7	75.5	77.6	79.6	79.6

TOTAL NUMBER OF OBSERVATIONS   930

A   D - 2 - 1

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: JAN   HOURS: 00-02

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IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0

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.3	22.7	22.7	24.1	24.5	24.6	25.5	25.8	26.3	27.7
.3	24.7	24.7	26.1	26.6	26.7	27.5	27.9	28.4	29.3
.5	24.9	24.9	26.3	26.3	26.9	27.7	28.1	28.6	30.0
.6	25.1	25.1	26.5	27.0	27.1	28.1	28.4	28.9	30.3
.6	26.1	26.1	27.5	28.1	28.2	29.1	29.5	30.0	31.4
.7	27.2	27.2	28.6	29.5	29.6	30.5	30.9	31.4	32.8
.5	30.1	30.1	31.5	32.4	32.5	33.4	33.8	34.3	35.7
.3	30.9	30.9	32.3	33.1	33.2	34.2	34.5	35.1	36.5
.4	35.2	35.2	36.5	37.4	37.5	38.5	38.8	39.4	40.8
.5	37.3	37.3	38.7	39.6	39.7	40.6	41.0	41.5	42.9
.6	38.4	38.4	39.8	40.8	40.9	41.8	42.3	42.8	44.2
.5	42.4	42.4	43.8	44.7	44.8	45.9	46.3	46.9	48.3
.2	48.0	48.0	49.4	50.4	50.5	51.7	52.2	52.7	54.1
.4	54.2	54.2	55.6	56.8	56.9	58.2	58.7	59.2	60.6
.9	59.7	59.7	61.1	62.3	62.4	63.7	64.2	64.7	66.1
.7	64.4	64.4	65.9	67.1	67.2	68.5	69.4	70.0	71.4
.5	68.4	68.4	69.9	71.1	71.2	72.5	73.3	74.0	75.4
.1	70.9	70.9	72.7	73.9	74.0	75.3	76.1	76.8	78.2
.5	71.3	71.3	73.2	74.4	74.5	75.8	76.7	77.3	78.7
.2	73.2	73.2	75.2	76.3	76.5	77.7	78.6	79.2	80.6
.7	74.1	74.1	76.0	77.2	77.3	78.6	79.5	80.1	81.5
.2	75.6	75.6	77.5	78.7	78.8	80.1	81.0	81.6	83.0
.7	76.3	76.3	78.3	79.5	79.6	80.9	81.7	82.5	83.9
.3	76.5	76.5	78.4	79.9	80.0	81.3	82.3	83.0	84.4
.2	76.9	76.9	78.8	80.5	80.6	81.9	83.0	83.8	85.2
.9	77.6	77.6	79.6	81.3	81.4	82.7	83.8	84.5	86.0
.6	78.4	78.4	80.6	82.6	82.7	84.1	85.2	85.9	87.5
.2	79.1	79.1	81.5	83.7	83.8	85.2	86.2	87.0	88.7
.2	79.1	79.1	81.6	84.0	84.1	85.8	86.9	87.7	90.2
.6	79.5	79.5	82.4	84.9	85.1	86.9	88.1	89.5	94.1
.5	79.6	79.6	82.6	85.3	85.5	87.4	88.7	91.3	98.4
.5	79.6	79.6	82.6	85.3	85.5	87.4	88.7	91.3	100.0

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D - 2 - 1

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING						VISIBILITY IN STATUTE MILES			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	16.3	18.4	19.9	20.4	21.8	21.8	23.0	23.5	23.7
GE 20000	17.3	19.5	21.0	21.5	22.9	22.9	24.1	24.6	24.7
GE 18000	17.3	19.5	21.0	21.5	22.9	22.9	24.1	24.6	24.7
GE 16000	17.3	19.5	21.0	21.5	23.0	23.0	24.2	24.7	24.8
GE 14000	18.3	20.0	21.5	22.0	23.5	23.5	24.7	25.3	25.4
GE 12000	18.9	20.6	22.5	23.3	25.1	25.1	26.5	27.0	27.1
GE 10000	21.4	23.2	25.6	26.7	28.5	28.5	29.9	30.5	30.6
GE 9000	21.6	23.4	26.1	27.2	29.1	29.1	30.5	31.2	31.3
GE 8000	24.1	26.1	28.9	30.0	32.0	32.4	33.9	34.5	34.6
GE 7000	25.4	27.5	30.5	31.6	33.7	34.1	35.7	36.3	36.5
GE 6000	26.5	28.6	31.6	32.3	34.8	35.3	36.9	37.6	37.7
GE 5000	28.5	31.0	34.2	35.5	38.0	38.5	40.1	40.9	41.0
GE 4500	32.6	35.5	38.9	40.5	43.4	44.0	45.6	46.3	46.5
GE 4000	38.5	41.4	45.3	47.1	50.2	50.8	52.6	53.3	53.4
GE 3500	43.4	46.5	50.8	52.7	55.9	56.5	58.4	59.1	59.2
GE 3000	48.0	51.4	56.0	58.2	61.6	62.4	64.5	65.4	65.5
GE 2500	50.3	54.4	59.2	61.4	64.8	65.5	67.7	68.6	68.7
GE 2000	53.0	56.8	62.0	64.3	67.7	68.6	70.8	71.6	71.7
GE 1800	53.3	57.2	62.5	64.7	68.3	69.1	71.4	72.4	72.5
GE 1500	55.4	59.2	64.7	67.1	71.0	71.8	74.1	75.1	75.2
GE 1200	55.9	60.0	65.6	68.0	71.8	72.7	74.9	75.9	76.0
GE 1000	57.0	61.1	66.7	69.0	73.0	73.9	76.1	77.1	77.2
GE 900	57.1	61.2	67.0	69.4	73.4	74.3	76.6	77.5	77.6
GE 800	57.2	61.3	67.1	69.5	73.5	74.4	76.8	77.8	78.0
GE 700	57.2	61.3	67.1	69.5	73.7	74.5	76.9	78.0	78.1
GE 600	57.2	61.3	67.2	69.6	73.8	74.6	77.1	78.3	78.4
GE 500	57.2	61.3	67.2	69.8	74.1	74.9	77.8	79.2	79.4
GE 400	57.2	61.3	67.4	70.2	74.6	75.5	78.6	80.3	80.4
GE 300	57.3	61.4	67.5	70.3	74.7	75.6	79.1	81.0	81.1
GE 200	57.3	61.4	67.5	70.3	74.9	75.8	79.5	81.3	81.4
GE 100	57.3	61.5	67.6	70.4	75.1	75.9	79.6	81.5	81.6
GE 000	57.3	61.5	67.6	70.4	75.2	76.0	79.7	81.6	81.7

TOTAL NUMBER OF OBSERVATIONS 930

SHINGTON   PERIOD OF RECORD: JUN 79 - MAY 88
                 MONTH: JAN   HOURS: 03-05

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IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.0	23.5	23.7	24.7	25.4	25.4	25.5	25.9	26.0	26.9
.1	24.6	24.7	25.9	26.6	26.6	25.7	27.1	27.2	23.1
.1	24.6	24.7	25.9	26.6	26.6	26.7	27.1	27.2	28.1
.2	24.7	24.3	26.0	26.3	25.8	26.9	27.3	27.4	29.3
.7	25.3	25.4	26.5	27.3	27.3	27.4	27.8	28.0	28.8
.5	27.0	27.1	28.3	29.0	29.0	29.1	29.6	29.7	30.5
.9	30.5	30.5	31.9	32.7	32.7	32.8	33.2	33.3	34.2
.5	31.2	31.3	32.6	33.3	33.3	33.4	33.9	34.0	34.8
.9	34.5	34.5	35.9	36.7	36.7	36.8	37.2	37.3	38.2
.7	36.3	36.5	37.7	38.5	38.5	38.6	39.0	39.1	40.0
.9	37.6	37.7	39.0	39.8	39.8	39.9	40.3	40.4	41.3
.1	40.9	41.0	42.3	43.0	43.0	43.1	43.5	43.7	44.5
.6	46.3	46.5	47.7	48.5	48.5	48.6	49.0	49.1	50.0
.5	53.3	53.4	54.8	55.6	55.6	55.7	56.1	56.2	57.1
.4	59.1	59.2	60.6	61.4	61.4	61.5	61.9	62.0	62.9
.5	65.4	65.5	67.0	67.7	67.7	67.8	68.6	68.7	69.6
.7	68.6	68.7	70.2	71.2	71.2	71.3	72.0	72.2	73.0
.3	71.6	71.7	73.5	74.4	74.4	74.5	75.3	75.4	76.2
.4	72.4	72.5	74.3	75.2	75.2	75.3	76.0	76.1	77.0
.1	75.1	75.2	77.0	78.0	78.0	78.1	78.8	78.9	79.8
.9	75.9	76.0	77.8	78.8	78.8	78.9	79.7	79.8	80.6
.1	77.1	77.2	79.1	80.1	80.1	80.2	81.0	81.1	81.9
.6	77.5	77.6	79.6	80.5	80.5	80.6	81.4	81.5	82.4
.3	77.8	78.0	79.9	80.9	80.9	81.0	81.7	81.8	82.7
.9	78.0	78.1	80.1	81.1	81.1	81.2	81.9	82.0	83.1
.1	78.3	78.4	80.4	81.4	81.4	81.5	82.3	82.4	83.4
.8	79.2	79.4	81.7	83.1	83.1	83.2	84.1	84.2	85.4
.6	80.3	80.4	82.9	84.3	84.3	84.4	85.5	85.6	86.9
.1	81.0	81.1	83.8	85.2	85.3	85.7	85.8	87.5	90.0
.5	81.3	81.4	84.5	86.1	86.3	86.8	88.1	89.1	93.7
.6	81.5	81.6	84.9	86.8	87.1	87.6	89.1	90.9	98.2
.7	81.6	81.7	85.1	86.9	87.2	87.7	89.2	91.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
						VISIBILITY IN STATUTE MILES			
NO CEIL	18.0	18.9	20.1	20.5	21.6	21.9	22.5	22.9	23.0
GE 20000	19.6	20.5	21.8	22.5	23.5	24.0	24.5	24.9	25.1
GE 18000	19.7	20.5	21.9	22.5	23.7	24.1	24.6	25.1	25.2
GE 16000	19.8	20.8	22.0	22.9	24.0	24.4	25.1	25.5	25.6
GE 14000	20.1	21.1	22.4	23.2	24.3	24.7	25.4	25.8	25.9
GE 12000	21.8	23.0	24.3	25.2	26.6	27.0	27.6	28.1	28.2
GE 10000	23.5	24.8	26.1	27.0	28.4	28.8	29.5	30.1	30.3
GE 9000	23.5	24.8	26.2	27.1	28.5	29.0	29.8	30.3	30.5
GE 8000	25.1	26.5	28.0	29.0	30.5	31.2	31.9	32.5	32.7
GE 7000	25.2	27.5	29.4	30.8	32.4	33.0	33.8	34.3	34.5
GE 6000	27.2	28.7	30.4	31.8	33.7	34.3	35.1	35.6	35.8
GE 5000	30.4	32.0	33.9	35.5	37.6	38.3	39.0	39.6	39.8
GE 4500	34.4	36.1	38.3	40.2	42.8	43.4	44.2	44.7	44.9
GE 4000	41.1	43.1	45.4	47.7	50.6	51.4	52.7	53.2	53.4
GE 3500	44.9	47.4	50.0	52.7	55.8	56.6	57.8	58.4	58.6
GE 3000	50.9	53.8	56.6	59.7	63.2	64.0	65.3	65.9	66.1
GE 2500	53.5	56.8	59.7	62.9	66.8	67.5	69.0	69.8	70.0
GE 2000	55.6	58.9	62.0	65.4	69.5	70.2	72.0	72.8	73.0
GE 1800	55.7	59.0	62.2	65.5	69.7	70.4	72.4	73.2	73.4
GE 1500	57.4	60.8	63.9	67.2	71.7	72.5	74.5	75.6	75.8
GE 1200	58.0	61.3	64.4	67.8	72.5	73.2	75.3	76.3	76.6
GE 1000	58.9	62.3	65.5	68.9	73.7	74.5	76.7	77.3	78.1
GE 900	59.2	62.7	65.9	69.4	74.2	75.1	77.2	78.4	78.5
GE 800	59.4	62.8	66.0	69.5	74.3	75.3	77.4	78.6	78.8
GE 700	59.4	62.8	66.1	69.6	74.6	75.6	77.7	78.9	79.1
GE 600	59.6	63.0	66.3	69.8	75.1	76.0	78.4	79.7	79.9
GE 500	59.6	63.0	66.3	69.9	75.4	76.3	78.8	80.3	80.5
GE 400	59.6	63.0	66.6	70.2	75.8	76.8	79.4	81.2	81.4
GE 300	59.6	63.0	66.6	70.2	76.0	77.0	79.9	81.8	82.0
GE 200	59.6	63.0	66.9	70.6	76.8	77.8	81.0	82.9	83.1
GE 100	59.6	63.0	66.9	70.6	76.9	78.0	81.1	83.1	83.3
GE 000	59.6	63.0	66.9	70.6	76.9	78.0	81.1	83.1	83.3

TOTAL NUMBER OF OBSERVATIONS   930

A

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: JAN   HOURS: 06-08

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IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2.5	22.9	23.0	23.7	24.0	24.1	24.3	24.3	24.4	25.2
4.5	24.9	25.1	25.7	26.0	26.1	25.5	26.5	26.6	27.3
4.6	25.1	25.2	25.3	25.1	25.2	25.6	26.6	26.7	27.4
5.1	25.5	25.6	26.2	26.6	26.7	27.0	27.0	27.1	27.8
5.4	25.8	25.9	26.6	26.9	27.0	27.3	27.3	27.4	28.2
7.6	28.1	28.2	3.8	29.1	29.2	29.6	29.6	29.7	30.8
9.6	30.1	30.3	31.0	31.3	31.4	31.7	31.7	31.8	32.9
9.8	30.3	30.5	31.2	31.5	31.6	31.9	31.9	32.0	33.1
1.9	32.5	32.7	33.3	33.7	33.8	34.2	34.2	34.3	35.5
3.3	34.3	34.5	35.2	35.5	35.6	36.0	36.0	36.1	37.3
5.1	35.6	35.8	36.5	36.8	36.9	37.3	37.3	37.4	38.6
9.0	38.6	39.8	40.4	40.8	40.9	41.3	41.3	41.4	42.6
4.2	44.7	44.9	45.6	45.9	46.0	45.5	46.5	46.6	47.7
2.7	53.2	53.4	54.1	54.4	54.5	54.9	54.9	55.1	56.2
7.8	58.4	58.6	59.4	59.8	59.9	60.3	60.3	60.4	61.6
5.3	55.9	56.1	66.9	67.3	67.4	67.8	67.8	68.0	69.1
9.0	69.8	70.0	70.9	71.3	71.4	71.8	71.8	71.9	73.1
2.0	72.8	73.0	74.0	74.4	74.5	74.9	74.9	75.1	76.2
2.4	73.2	73.4	74.5	74.9	75.1	75.5	75.5	75.6	76.8
4.5	75.5	75.8	76.9	77.3	77.4	77.8	77.8	78.0	79.2
5.3	75.8	76.5	77.7	78.2	78.3	78.7	78.7	78.8	80.1
6.7	77.8	78.1	79.4	79.8	79.9	80.3	80.5	80.6	81.9
7.2	78.4	78.5	80.0	80.4	80.5	81.0	81.2	81.3	82.6
7.4	78.6	78.8	80.2	80.6	80.8	81.2	81.4	81.6	82.9
7.7	78.9	79.1	80.5	81.0	81.1	81.5	81.7	81.9	83.3
8.4	79.7	79.9	81.3	81.7	81.8	82.3	82.5	82.7	84.1
8.3	80.3	80.5	82.4	82.8	82.9	83.4	83.9	84.2	85.7
8.4	81.2	81.4	83.3	83.8	83.9	84.4	84.9	85.4	87.4
9.9	81.8	82.0	84.1	84.6	84.7	85.6	86.1	86.7	89.7
1.0	82.9	83.1	85.3	85.3	86.5	87.7	88.4	89.5	94.3
1.1	83.1	83.3	85.6	87.0	87.1	98.5	89.1	90.9	98.4
1.1	83.1	83.3	85.6	87.0	87.1	98.5	89.1	90.8	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	16.5	17.2	18.1	18.9	19.6	19.7	20.1	20.3	20.4
GE 20000	20.3	21.6	22.5	23.4	24.1	24.2	24.6	24.9	25.1
GE 18000	21.7	22.6	23.5	24.4	25.2	25.3	25.7	26.0	26.1
GE 16000	22.3	23.1	24.3	25.2	25.9	26.0	26.6	26.9	27.0
GE 14000	24.3	25.2	26.3	27.2	28.0	28.1	28.6	29.0	29.1
GE 12000	25.7	26.6	28.1	28.9	29.7	29.8	30.5	31.0	31.1
GE 10000	28.0	29.0	30.6	31.7	32.7	32.8	33.7	34.2	34.3
GE 9000	28.5	29.7	31.3	32.4	33.3	33.4	34.3	34.8	34.9
GE 8000	31.1	32.4	34.3	35.7	36.8	37.0	37.8	38.4	38.5
GE 7000	32.3	34.2	36.3	37.7	38.8	39.0	39.9	40.4	40.5
GE 6000	33.3	34.7	37.0	38.4	39.8	40.0	40.9	41.4	41.5
GE 5000	36.3	38.1	40.5	42.2	43.5	43.8	44.6	45.2	45.3
GE 4500	40.5	42.4	44.8	46.5	48.5	48.7	49.6	50.1	50.3
GE 4000	45.4	47.2	50.4	52.9	54.8	55.1	56.2	56.9	57.2
GE 3500	48.5	50.9	54.4	57.1	59.5	59.7	61.1	61.7	62.0
GE 3000	54.3	57.1	61.0	63.9	66.6	66.8	68.5	69.6	70.0
GE 2500	55.3	58.8	63.3	66.5	69.1	69.4	71.2	72.3	72.7
GE 2000	57.5	60.5	65.3	68.8	71.5	71.7	73.9	75.2	75.6
GE 1800	57.3	61.0	65.6	69.1	71.8	72.3	74.5	75.9	76.3
GE 1500	58.3	62.0	66.9	70.8	73.7	74.1	76.3	78.4	78.9
GE 1200	59.2	62.5	67.4	71.3	74.3	74.7	77.4	79.1	79.8
GE 1000	59.7	62.9	67.8	71.9	75.1	75.6	78.4	80.1	81.0
GE 900	59.8	63.0	68.0	72.0	75.2	75.7	78.7	80.8	81.6
GE 800	59.8	63.0	68.0	72.0	75.2	75.7	78.7	80.8	81.6
GE 700	59.8	63.0	68.0	72.2	75.3	75.8	78.8	80.9	81.7
GE 600	59.8	63.0	68.0	72.2	75.4	75.9	78.9	81.0	81.8
GE 500	59.8	63.0	68.1	72.3	75.9	76.5	79.5	81.3	82.6
GE 400	59.8	63.0	68.1	72.4	76.1	76.7	79.8	82.4	83.3
GE 300	59.8	63.0	68.1	72.4	76.1	76.8	80.2	82.9	84.0
GE 200	59.8	63.0	68.1	72.4	76.2	76.9	80.3	83.0	84.2
GE 100	59.8	63.0	68.1	72.4	76.2	76.9	80.3	83.0	84.2
GE 000	59.8	63.0	68.1	72.4	76.2	76.9	80.3	83.0	84.2

TOTAL NUMBER OF OBSERVATIONS   930

A   D - 2 - 4

...HINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
     MONTH: JAN   HOURS: 09-11

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.1	20.3	20.4	20.5	20.5	20.5	20.8	20.8	20.8	21.5
.5	24.9	25.1	25.6	25.6	25.6	25.8	26.0	26.1	27.1
.7	26.0	26.1	26.7	26.7	26.7	26.3	27.1	27.3	28.3
.6	26.9	27.0	27.5	27.5	27.5	27.7	28.0	28.2	29.1
.6	28.0	28.1	29.7	29.7	28.7	29.3	30.1	30.3	31.3
.5	31.0	31.1	31.6	31.6	31.6	31.8	32.0	32.3	33.2
.7	34.2	34.3	34.8	34.8	34.8	35.2	35.4	35.6	36.6
.3	34.3	34.8	35.5	35.5	35.5	35.8	36.0	36.2	37.2
.3	38.4	38.5	39.0	39.0	39.0	39.4	39.6	39.8	40.8
.9	40.4	40.5	41.1	41.1	41.1	41.4	41.6	41.8	42.8
.9	41.4	41.5	42.0	42.0	42.0	42.4	42.6	42.8	43.8
.6	45.2	45.3	45.8	45.8	45.8	46.1	46.3	46.6	47.5
.5	50.1	50.3	51.0	51.2	51.2	51.5	51.7	51.9	52.9
.2	56.9	57.2	58.0	58.4	58.4	58.7	58.9	59.1	60.1
.1	61.7	62.0	62.3	63.2	63.2	63.5	63.8	64.0	64.9
.5	69.6	70.0	70.3	71.2	71.2	71.5	71.7	71.9	72.9
.2	72.3	72.7	73.4	73.9	73.9	74.2	74.4	74.6	75.6
.2	75.2	75.5	76.6	77.0	77.0	77.3	77.5	77.7	78.7
.5	75.9	76.3	77.5	78.0	78.0	78.3	78.5	78.7	79.7
.3	78.4	78.9	80.2	80.6	80.6	81.0	81.2	81.4	82.4
.4	79.1	79.8	81.1	81.5	81.5	81.8	82.0	82.3	83.2
.4	80.1	81.0	82.3	82.7	82.7	83.1	83.3	83.5	84.5
.7	80.8	81.5	82.9	83.3	83.3	83.8	84.0	84.2	85.3
.7	80.8	81.6	82.9	83.3	83.3	83.8	84.0	84.2	85.3
.8	80.9	81.7	83.0	83.5	83.5	84.0	84.2	84.4	85.5
.9	81.0	81.8	83.2	83.8	83.8	84.2	84.4	84.6	85.7
.5	81.3	82.9	84.3	84.9	84.9	85.5	85.8	86.0	87.2
.8	82.4	83.3	85.4	86.5	86.5	87.1	87.4	88.0	89.2
.2	82.9	84.0	86.5	88.2	88.2	89.1	89.7	90.3	92.2
.3	83.0	84.2	87.3	89.1	89.4	91.1	91.7	92.6	96.3
.3	83.0	84.2	87.5	89.6	89.8	91.7	92.7	94.1	98.9
.3	83.0	84.2	87.5	89.6	89.8	91.7	92.7	94.1	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
						VISIBILITY IN STATUTE MILES			
NO CEIL	17.3	17.5	17.8	18.1	18.3	18.5	18.6	18.7	18.7
GE 20000	24.2	24.8	25.4	26.0	26.5	26.7	27.0	27.1	27.1
GE 18000	25.1	25.7	26.2	26.3	27.3	27.5	27.8	28.0	28.0
GE 16000	25.7	26.3	26.9	27.5	28.0	28.2	28.5	28.6	28.6
GE 14000	28.4	29.0	29.6	30.2	30.6	30.8	31.2	31.3	31.3
GE 12000	31.0	32.2	33.0	33.7	34.2	34.4	34.7	34.8	34.8
GE 10000	34.3	35.5	36.6	37.7	38.6	38.8	39.2	39.4	39.4
GE 9000	34.8	36.0	37.1	38.3	39.1	39.4	39.8	39.9	39.9
GE 8000	38.2	39.5	40.6	41.8	42.9	43.1	43.5	43.7	43.7
GE 7000	40.3	41.5	42.3	44.2	45.4	45.6	46.0	46.1	46.1
GE 6000	41.5	42.8	44.0	45.5	46.7	46.9	47.4	47.5	47.5
GE 5000	45.9	47.4	49.0	50.6	51.8	52.0	52.6	52.7	52.7
GE 4500	48.1	49.7	51.3	53.1	54.3	54.5	55.1	55.4	55.4
GE 4000	52.5	54.1	56.3	58.4	59.8	60.1	60.9	61.2	61.2
GE 3500	56.9	58.8	61.3	63.5	64.9	65.3	66.2	66.5	66.6
GE 3000	63.2	65.2	68.1	70.8	72.4	72.8	74.0	74.4	74.6
GE 2500	66.5	68.5	71.6	74.5	76.1	76.5	77.7	78.4	78.6
GE 2000	68.4	70.3	73.3	76.3	78.5	79.0	80.2	80.9	81.1
GE 1800	68.7	70.8	74.2	77.4	79.0	79.6	80.8	81.4	81.6
GE 1500	70.0	72.0	75.8	79.0	80.6	81.2	82.5	83.1	83.3
GE 1200	70.5	72.7	76.5	79.8	81.5	82.2	83.4	84.2	84.4
GE 1000	71.5	73.7	77.5	81.1	82.9	83.5	84.9	85.9	86.3
GE 900	71.7	74.0	77.8	81.4	83.2	83.9	85.4	86.5	86.9
GE 800	72.0	74.3	78.2	81.7	83.9	84.5	86.2	87.5	88.0
GE 700	72.0	74.4	78.4	81.9	84.4	85.2	87.0	88.5	89.0
GE 600	72.2	74.5	78.6	82.2	84.6	85.4	87.5	89.0	89.6
GE 500	72.2	74.5	78.6	82.4	84.9	85.9	88.2	90.0	90.8
GE 400	72.2	74.5	78.7	82.6	85.2	86.1	88.8	91.3	92.3
GE 300	72.2	74.5	78.7	82.6	85.3	86.3	89.2	92.0	93.2
GE 200	72.2	74.5	78.7	82.6	85.3	86.3	89.2	92.0	93.2
GE 100	72.2	74.5	78.7	82.6	85.3	86.3	89.2	92.0	93.2
GE 000	72.2	74.5	78.7	82.6	85.3	86.3	89.2	92.0	93.2

TOTAL NUMBER OF OBSERVATIONS   930

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HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: JAN   HOURS: 12-14

....

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	18.7	18.7	18.9	19.0	19.0	19.1	19.1	19.1	19.2
0	27.1	27.1	27.3	27.4	27.4	27.6	27.6	27.6	27.7
5	28.0	28.0	28.2	28.3	28.3	28.5	28.5	28.5	28.6
5	28.6	28.6	28.8	28.9	28.9	29.1	29.1	29.1	29.2
2	31.3	31.3	31.5	31.6	31.6	31.8	31.8	31.8	31.9
7	34.3	34.3	35.1	35.2	35.2	35.4	35.4	35.4	35.5
2	39.4	39.4	39.6	39.7	39.7	39.9	39.9	39.9	40.0
5	39.9	39.9	40.1	40.2	40.2	40.4	40.4	40.4	40.5
5	43.7	43.7	43.9	44.0	44.0	44.2	44.2	44.2	44.3
0	46.1	46.1	46.3	46.5	46.5	46.7	46.7	46.7	46.8
4	47.5	47.5	47.7	47.8	47.8	48.1	48.1	48.1	48.2
5	52.7	52.7	52.9	53.0	53.0	53.2	53.2	53.2	53.3
1	55.4	55.4	55.7	55.8	55.8	56.0	56.0	56.0	56.1
9	61.2	61.2	61.5	61.9	61.9	62.2	62.2	62.2	62.3
2	66.5	66.5	66.9	67.3	67.3	67.5	67.5	67.5	67.6
0	74.4	74.6	74.9	75.4	75.4	75.6	75.6	75.6	75.7
7	78.4	78.6	78.9	79.4	79.4	79.6	79.6	79.6	79.7
2	80.9	81.1	81.4	81.8	81.8	82.0	82.0	82.0	82.2
8	81.4	81.6	82.0	82.5	82.5	82.7	82.7	82.7	82.8
5	83.1	83.3	83.9	84.3	84.3	84.5	84.5	84.5	84.6
4	84.2	84.4	84.9	85.4	85.4	85.6	85.6	85.6	85.7
9	85.9	86.3	86.9	87.4	87.4	87.6	87.6	87.6	87.7
4	86.5	86.9	87.4	88.0	88.0	88.2	88.2	88.2	88.3
2	87.5	88.0	88.5	89.0	89.0	89.2	89.2	89.2	89.4
0	88.5	89.0	89.6	90.1	90.1	90.3	90.3	90.3	90.4
5	89.0	89.6	90.3	91.0	91.0	91.2	91.2	91.2	91.3
2	90.0	90.8	91.6	92.3	92.3	92.5	92.6	92.6	92.7
3	91.3	92.3	93.9	94.5	94.5	94.9	95.1	95.1	95.2
2	92.0	93.2	95.3	96.2	96.2	96.9	97.1	97.2	97.5
2	92.0	93.2	95.7	96.9	96.9	97.6	98.0	98.3	98.7
2	92.0	93.2	95.7	96.9	96.9	97.7	98.2	98.7	99.6
2	92.0	93.2	95.7	96.9	96.9	97.7	98.2	98.7	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	21.7	21.9	22.3	23.1	23.8	23.9	23.9	24.2	24.3
GE 20000	27.7	28.1	29.8	30.0	30.6	30.8	31.0	31.3	31.4
GE 18000	23.5	28.3	28.7	30.9	31.5	31.6	31.9	32.3	32.4
GE 16000	28.7	29.2	30.2	31.4	32.0	32.2	32.5	32.8	32.9
GE 14000	31.7	32.4	33.5	34.7	35.4	35.5	35.8	36.1	36.2
GE 12000	34.8	35.5	36.8	38.2	38.8	38.9	39.2	39.6	39.7
GE 10000	37.3	38.7	40.4	42.0	42.8	42.9	43.3	43.7	43.8
GE 9000	38.0	38.8	40.5	42.2	42.9	43.0	43.4	43.8	43.9
GE 8000	41.7	42.9	44.6	46.2	47.3	47.4	48.0	48.3	48.4
GE 7000	44.2	45.3	47.1	48.7	49.8	49.9	50.4	50.8	50.9
GE 6000	45.2	46.2	48.1	49.7	50.8	50.9	51.5	51.8	51.9
GE 5000	49.7	51.2	53.3	54.9	56.1	56.2	56.9	57.2	57.3
GE 4500	52.5	54.3	56.5	58.3	59.5	59.6	60.2	60.5	60.6
GE 4000	57.4	59.6	62.0	64.0	65.5	65.6	66.2	66.6	66.7
GE 3500	62.3	64.4	67.1	69.4	71.1	71.3	71.9	72.4	72.5
GE 3000	63.8	71.3	74.2	76.8	78.7	78.9	79.7	80.2	80.4
GE 2500	72.5	75.2	78.3	80.9	83.0	83.2	84.2	84.7	84.9
GE 2000	74.5	77.3	80.4	83.2	85.6	85.8	87.1	87.6	87.8
GE 1800	74.7	77.5	80.6	83.4	85.8	86.0	87.3	88.0	88.2
GE 1500	75.4	78.2	81.4	84.2	86.7	87.0	88.3	89.0	89.2
GE 1200	75.6	78.7	81.9	84.7	87.2	87.5	88.9	89.7	89.9
GE 1000	75.7	78.8	82.0	85.2	88.1	88.5	90.3	91.1	91.3
GE 900	75.7	78.8	82.0	85.2	88.3	88.7	90.6	91.4	91.6
GE 800	75.7	78.8	82.0	85.3	88.4	88.8	90.9	91.6	91.8
GE 700	75.7	78.9	82.5	85.7	88.9	89.4	91.4	92.3	92.5
GE 600	75.7	78.9	82.5	85.7	88.9	89.4	91.4	92.4	92.6
GE 500	75.8	79.0	82.8	86.1	89.5	89.9	92.3	93.2	93.4
GE 400	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.3	94.5
GE 300	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.3	94.5
GE 200	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.5	94.7
GE 100	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.5	94.7
GE 000	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.5	94.7

TOTAL NUMBER OF OBSERVATIONS   930

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SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
           MONTH: JAN   HOURS: 15-17

IN STATUTE MILES

E	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.9	24.2	24.3	24.4	24.4	24.4	24.4	24.5	24.5	24.5
.0	31.3	31.4	31.5	31.5	31.5	31.6	31.7	31.7	31.7
.9	32.3	32.4	32.5	32.5	32.5	32.6	32.7	32.7	32.7
.5	32.8	32.9	33.0	33.0	33.0	33.1	33.2	33.2	33.2
.3	36.1	36.2	36.3	36.3	36.3	36.5	36.6	36.6	36.6
.2	39.6	39.7	39.8	39.8	39.8	39.9	40.0	40.0	40.0
.3	43.7	43.8	43.9	43.9	43.9	44.0	44.1	44.1	44.1
.4	43.8	43.9	44.0	44.0	44.0	44.1	44.2	44.2	44.2
.0	48.3	48.4	48.5	48.5	48.6	48.7	48.8	48.8	48.8
.4	50.8	50.9	51.0	51.1	51.1	51.2	51.3	51.3	51.3
.5	51.8	51.9	52.0	52.2	52.2	52.3	52.4	52.4	52.4
.9	57.2	57.3	57.4	57.5	57.5	57.6	57.7	57.7	57.7
.2	60.5	60.6	60.9	61.0	61.0	61.1	61.2	61.2	61.2
.2	66.6	66.7	66.9	67.2	67.2	67.3	67.4	67.4	67.4
.3	72.4	72.5	72.8	73.1	73.1	73.2	73.3	73.3	73.3
.7	80.2	80.4	81.1	81.4	81.4	81.5	81.6	81.6	81.6
.2	84.7	84.9	85.6	85.9	85.9	86.0	86.1	86.1	86.1
.1	87.6	87.8	88.5	88.9	88.9	89.0	89.1	89.1	89.1
.3	88.0	88.2	88.9	89.2	89.2	89.4	89.5	89.5	89.5
.3	89.0	89.2	90.1	90.4	90.4	90.5	90.6	90.6	90.6
.9	89.7	89.9	90.8	91.1	91.1	91.2	91.3	91.3	91.3
.3	91.1	91.3	92.2	92.5	92.5	92.6	92.7	92.7	92.7
.5	91.4	91.6	92.5	92.8	92.8	92.9	93.0	93.0	93.0
.9	91.6	91.8	92.7	93.0	93.0	93.1	93.2	93.2	93.2
.4	92.3	92.5	93.7	94.0	94.0	94.1	94.2	94.2	94.2
.4	92.4	92.6	94.0	94.3	94.3	94.4	94.5	94.5	94.5
.3	93.2	93.4	94.8	95.2	95.2	95.3	95.4	95.4	95.4
.1	94.3	94.5	95.7	97.1	97.1	97.3	97.4	97.4	97.4
.1	94.3	94.5	96.9	97.5	97.5	98.1	98.3	98.3	98.3
.1	94.5	94.7	97.1	97.7	97.7	98.5	98.7	98.9	99.1
.1	94.5	94.7	97.1	97.7	97.7	98.6	99.0	99.5	99.9
.1	94.5	94.7	97.1	97.7	97.7	98.6	99.0	99.5	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

| CEILING | | | | | | VISIBILITY IN STATUTE MILES | | | |
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	24.0	25.4	26.0	27.4	28.0	28.1	28.6	28.8	28.8
GE 20000	26.3	28.5	29.4	30.9	31.4	31.5	32.0	32.5	32.5
GE 18000	27.1	28.8	29.7	31.2	31.7	31.8	32.4	32.8	32.8
GE 16000	27.2	28.9	29.8	31.3	31.8	31.9	32.7	33.1	33.1
GE 14000	29.7	31.5	32.4	33.9	34.4	34.5	35.3	35.7	35.7
GE 12000	32.2	34.0	34.8	36.3	36.9	37.0	37.7	38.2	38.2
GE 10000	35.5	38.0	39.2	40.9	41.4	41.5	42.3	42.7	42.7
GE 9000	35.8	38.2	39.5	41.1	41.6	41.7	42.5	42.9	42.9
GE 8000	40.4	42.8	44.	45.8	46.5	46.6	47.3	47.7	47.7
GE 7000	42.3	44.7	46.0	47.7	48.4	48.5	49.2	49.7	49.7
GE 6000	43.0	45.5	47.0	48.7	49.4	49.5	50.2	50.6	50.6
GE 5000	46.5	49.2	50.6	52.4	53.0	53.1	53.9	54.3	54.3
GE 4500	50.3	53.8	55.2	56.9	58.0	58.1	58.8	59.2	59.2
GE 4000	55.5	59.2	61.0	62.3	64.2	64.3	65.3	65.7	65.7
GE 3500	59.6	63.5	65.5	67.7	69.1	69.2	70.3	70.8	70.8
GE 3000	65.7	69.7	72.2	74.5	76.7	76.9	78.2	78.7	78.7
GE 2500	68.0	72.0	74.8	77.3	80.0	80.2	81.6	82.3	82.3
GE 2000	69.0	73.1	76.0	78.5	81.7	81.9	83.5	84.2	84.2
GE 1800	69.2	73.4	76.3	79.0	82.4	82.6	84.2	84.8	84.8
GE 1500	69.3	74.3	77.2	80.2	83.7	83.9	85.6	86.5	86.5
GE 1200	69.9	74.3	77.2	80.3	83.8	84.0	86.1	87.0	87.0
GE 1000	70.1	74.5	77.5	81.0	84.7	84.9	87.2	88.5	88.5
GE 900	70.1	74.5	77.6	81.1	84.8	85.1	87.3	88.6	88.6
GE 800	70.3	74.7	77.8	81.3	85.2	85.4	87.7	89.1	89.1
GE 700	70.3	74.7	78.0	81.4	85.3	85.5	87.8	89.2	89.2
GE 600	70.3	74.7	78.1	81.5	85.5	85.7	88.4	90.0	90.0
GE 500	70.3	74.7	78.1	81.5	85.5	85.7	88.5	90.1	90.1
GE 400	70.3	74.7	78.1	81.5	85.5	85.7	88.5	90.2	90.3
GE 300	70.3	74.7	78.1	81.5	85.5	85.7	88.5	90.3	90.5
GE 200	70.3	74.7	78.1	81.5	85.5	85.8	88.7	90.8	91.0
GE 100	70.3	74.7	78.1	81.5	85.5	85.8	88.8	91.0	91.2
GE 000	70.3	74.7	78.1	81.5	85.5	85.8	88.8	91.0	91.2

TOTAL NUMBER OF OBSERVATIONS   930

A   D - 2 - 7

INGTON　　　　PERIOD OF RECORD:　JUN 73 - MAY 88
　　　　　　　　MONTH: JAN　　HOURS: 18-20

STATUTE MILES

GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
28.8	28.8	28.9	29.1	29.1	29.5	30.0	30.1	30.3
32.5	32.5	32.7	32.9	32.9	33.2	33.8	33.9	34.1
32.8	32.8	33.0	33.2	33.2	33.5	34.1	34.2	34.4
33.1	33.1	33.3	33.5	33.5	33.9	34.4	34.5	34.7
35.7	35.7	35.9	36.1	36.1	36.5	37.0	37.1	37.3
38.2	38.2	38.4	38.6	38.6	38.9	39.5	39.6	39.8
42.7	42.7	42.9	43.1	43.1	43.4	44.0	44.1	44.3
42.9	42.9	43.1	43.3	43.3	43.7	44.2	44.3	44.5
47.7	47.7	48.0	48.2	48.2	48.5	49.0	49.1	49.4
49.7	49.7	49.9	50.1	50.1	50.4	51.0	51.1	51.3
50.6	50.6	50.9	51.1	51.1	51.4	51.9	52.0	52.3
54.3	54.3	54.5	54.7	54.7	55.1	55.6	55.7	55.9
59.2	59.2	59.5	59.7	59.7	60.1	60.6	60.8	61.0
65.7	65.7	66.0	66.2	66.2	66.7	67.2	67.3	67.5
70.8	70.8	71.1	71.4	71.4	71.8	72.4	72.5	72.7
78.7	78.7	79.1	79.5	79.5	80.0	80.5	80.6	81.0
82.3	82.3	82.7	83.0	83.0	83.5	84.1	84.2	84.5
84.2	84.2	84.5	84.9	84.9	85.5	86.0	86.1	86.5
84.8	84.8	85.3	85.6	85.6	86.1	86.7	86.8	87.1
86.5	86.5	87.0	87.3	87.3	87.8	88.4	88.5	88.8
87.0	87.0	87.6	88.0	88.0	88.5	89.0	89.1	89.5
89.5	89.5	89.1	89.5	89.5	90.0	90.5	90.6	91.0
89.6	89.6	89.2	89.6	89.6	90.1	90.6	90.8	91.1
89.1	89.1	89.8	90.1	90.1	90.6	91.2	91.3	91.6
89.2	89.2	89.8	90.2	90.2	90.8	91.3	91.4	91.7
90.0	90.0	90.6	91.0	91.0	91.5	92.0	92.2	92.5
90.1	90.1	91.1	91.4	91.4	92.2	92.7	92.8	93.1
90.2	90.3	91.7	92.0	92.0	92.9	93.4	93.5	93.9
90.3	90.5	92.0	92.5	92.5	93.4	94.0	94.3	95.1
90.8	91.0	92.8	93.8	93.8	95.6	96.6	97.5	98.5
91.0	91.2	93.0	94.0	94.0	95.8	96.8	98.2	100.0
91.0	91.2	93.0	94.0	94.0	95.8	96.8	98.2	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVA⌐

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	19.6	21.1	23.4	24.6	25.7	25.7	25.9	26.2	26.7
GE 20000	20.6	22.3	25.1	26.3	27.6	27.6	28.0	28.3	28.7
GE 18000	21.5	23.1	25.9	27.2	28.5	28.5	28.3	28.1	29.5
GE 15000	21.5	23.1	26.0	27.3	28.6	28.6	29.0	29.5	29.9
GE 14000	22.0	23.7	26.8	28.1	29.7	29.7	30.1	30.5	31.0
GE 12000	23.8	25.4	28.6	29.9	31.5	31.5	32.0	32.6	33.0
GE 10000	26.3	28.6	32.2	33.5	35.3	35.3	35.8	36.3	36.9
GE 9000	27.1	28.9	32.5	33.9	35.6	35.6	36.1	36.7	37.2
GE 8000	31.0	33.1	36.7	38.1	40.1	40.1	40.6	41.2	41.7
GE 7000	33.3	35.5	39.0	40.4	42.5	42.5	43.0	43.7	44.2
GE 6000	34.4	36.6	40.1	41.5	43.5	43.5	44.1	44.7	45.3
GE 5000	38.3	41.3	44.9	46.3	48.4	48.4	49.0	49.7	50.2
GE 4500	43.1	45.5	49.4	50.9	53.2	53.2	54.0	54.6	55.2
GE 4000	47.4	50.2	54.5	55.9	58.8	58.9	59.7	60.3	60.9
GE 3500	51.0	53.8	58.2	59.8	62.9	63.0	64.2	64.8	65.4
GE 3000	54.5	57.6	62.4	64.1	67.8	68.0	69.2	70.0	70.5
GE 2500	57.5	61.0	66.1	68.0	71.8	71.9	73.2	74.1	74.6
GE 2000	59.6	62.9	68.4	70.4	74.4	74.5	75.9	76.9	77.3
GE 1800	59.8	63.1	68.6	70.6	74.6	74.7	76.1	77.0	77.5
GE 1500	60.1	63.4	69.2	71.4	75.5	75.6	77.0	78.0	78.5
GE 1200	60.5	64.0	69.9	72.0	76.2	76.3	77.8	79.0	79.7
GE 1000	61.2	64.5	70.5	72.7	77.5	77.7	79.6	81.0	81.6
GE 900	61.2	64.5	70.9	73.0	77.8	78.1	79.9	81.3	81.9
GE 800	61.2	64.5	70.9	73.0	77.8	78.1	79.9	81.3	81.9
GE 700	61.2	64.5	70.9	73.0	78.0	78.2	80.3	81.7	82.4
GE 600	61.3	64.5	71.1	73.3	78.7	78.9	81.1	82.7	83.3
GE 500	61.3	64.6	71.1	73.3	79.0	79.2	81.5	83.1	83.8
GE 400	61.3	64.6	71.2	73.5	79.2	79.6	81.9	83.8	84.4
GE 300	61.3	64.6	71.2	73.5	79.2	79.7	82.0	83.9	84.5
GE 200	61.3	64.6	71.2	73.5	79.5	79.9	82.4	84.3	84.9
GE 100	61.4	64.7	71.4	73.8	79.7	80.1	82.6	84.5	85.2
GE 000	61.4	64.7	71.4	73.8	79.7	80.1	82.6	84.5	85.2

TOTAL NUMBER OF OBSERVATIONS   930

A

D - 2 - 8

INGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                MONTH: JAN   HOURS: 21-23

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	26.2	26.7	27.7	28.6	28.6	29.6	29.9	30.4	31.7
	28.3	28.7	29.8	30.6	30.6	31.6	31.9	32.5	33.8
	28.1	29.5	30.6	31.6	31.6	32.6	32.9	33.4	34.7
)	29.5	29.9	31.1	32.0	32.0	33.1	33.4	34.0	35.3
	30.5	31.0	32.2	33.1	33.1	34.2	34.5	35.1	36.5
)	32.5	33.0	34.2	35.5	35.5	36.6	36.9	37.4	38.8
3	35.3	35.9	38.2	39.5	39.5	40.5	40.9	41.4	42.8
	35.7	37.2	38.5	39.8	39.8	40.9	41.2	41.7	43.1
5	41.2	41.7	43.0	44.3	44.3	45.4	45.8	46.3	47.7
2	43.7	44.2	45.5	46.8	46.8	48.0	48.4	48.9	50.3
1	44.7	45.3	46.5	47.8	47.8	49.0	49.5	50.0	51.4
)	49.7	50.2	51.5	52.8	52.8	54.2	54.7	55.3	56.7
2	54.5	55.2	56.5	57.7	57.7	59.1	59.7	60.2	61.6
7	60.3	60.9	62.4	63.8	63.8	65.6	66.1	66.7	68.1
2	64.8	65.4	66.9	68.3	68.3	70.1	70.5	71.2	72.6
2	70.0	70.5	72.3	73.7	73.7	75.5	76.0	76.6	78.1
2	74.1	74.6	76.3	77.7	77.7	79.6	80.1	80.6	82.2
9	76.9	77.3	79.0	80.4	80.4	82.3	82.8	83.3	84.8
1	77.0	77.5	79.2	80.6	80.6	82.5	83.0	83.5	85.1
)	78.0	78.5	80.3	81.7	81.7	83.5	84.1	84.5	86.1
8	79.0	79.7	81.5	82.9	82.9	84.7	85.3	85.8	87.3
5	81.0	81.6	83.5	84.9	84.9	86.8	87.3	87.8	89.4
9	81.3	81.9	83.9	85.3	85.3	87.1	87.6	88.2	89.7
9	81.3	81.9	84.0	85.5	85.5	87.3	88.0	88.5	90.0
3	81.7	82.4	84.4	85.9	85.9	87.7	88.4	88.9	90.4
1	82.7	83.3	85.4	86.9	86.9	88.8	89.5	90.0	91.6
5	83.1	83.8	85.9	87.6	87.6	89.6	90.2	90.8	92.4
9	83.8	84.4	86.7	88.8	88.8	90.8	91.4	91.9	93.5
0	83.9	84.5	87.0	89.1	89.1	91.5	92.2	92.7	94.3
4	84.3	84.9	87.7	89.9	89.9	92.8	93.9	95.3	97.8
6	84.5	85.2	88.0	90.1	90.1	93.2	94.4	96.6	99.6
5	84.5	85.2	88.0	90.1	90.1	93.2	94.4	96.6	100.0

0 - 2 - 8   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

| CEILING | | | | | | VISIBILITY IN STATUTE MILES | | | |
| IN | GE | GE | GE | GE | GE | GE | GE | GE | GE |
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	18.8	19.8	20.9	21.6	22.5	22.7	23.1	23.4	23.5
GE 20000	21.9	23.1	24.3	25.3	26.2	26.4	26.9	27.3	27.4
GE 18000	22.4	23.6	24.9	25.8	26.8	26.9	27.5	27.9	28.0
GE 15000	22.5	23.8	25.1	26.1	27.1	27.3	27.9	28.3	28.4
GE 14000	24.1	25.4	26.8	27.7	28.8	29.0	29.6	30.0	30.1
GE 12000	25.9	27.3	28.9	29.9	31.0	31.2	31.9	32.3	32.4
GE 10000	28.5	30.1	32.0	33.2	34.5	34.7	35.4	35.9	36.0
GE 9000	28.8	30.4	32.4	33.5	34.9	35.1	35.8	36.3	36.4
GE 8000	32.0	33.7	35.8	37.1	38.6	38.9	39.7	40.2	40.3
GE 7000	33.8	35.7	37.8	39.2	40.7	41.2	41.8	42.3	42.5
GE 6000	34.8	36.5	38.8	40.3	41.8	42.1	43.0	43.5	43.6
GE 5000	38.3	40.4	42.8	44.4	46.1	46.4	47.2	47.7	47.9
GE 4500	42.2	44.5	45.3	48.7	50.7	51.0	51.8	52.4	52.5
GE 4000	47.2	49.8	52.7	54.7	57.0	57.3	58.4	58.9	59.1
GE 3500	51.4	54.2	57.4	59.6	62.1	62.4	63.6	64.2	64.3
GE 3000	56.7	59.7	63.3	65.8	68.6	69.0	70.4	71.1	71.3
GE 2500	59.5	62.8	66.6	69.2	72.2	72.6	74.0	74.8	75.0
GE 2000	61.4	64.7	68.8	71.5	74.7	75.1	76.7	77.5	77.7
GE 1800	61.5	65.0	69.1	71.9	75.1	75.5	77.2	78.0	78.2
GE 1500	62.8	66.2	70.4	73.3	76.7	77.1	78.9	79.9	80.1
GE 1200	63.2	66.7	71.0	73.9	77.3	77.8	79.6	80.7	80.9
GE 1000	63.8	67.3	71.6	74.7	78.4	79.0	80.9	82.1	82.4
GE 900	63.9	67.4	71.9	75.0	78.7	79.3	81.3	82.6	82.9
GE 800	64.0	67.5	72.0	75.1	78.9	79.5	81.6	82.9	83.2
GE 700	64.0	67.6	72.1	75.2	79.2	79.7	81.9	83.3	83.6
GE 600	64.1	67.6	72.3	75.4	79.5	80.0	82.3	83.8	84.2
GE 500	64.1	67.5	72.4	75.6	79.8	80.4	82.9	84.5	84.9
GE 400	64.1	67.5	72.4	75.7	80.1	80.7	83.4	85.3	85.7
GE 300	64.1	67.7	72.5	75.7	80.1	80.8	83.7	85.7	86.1
GE 200	64.1	67.7	72.5	75.8	80.3	81.0	84.0	86.0	86.5
GE 100	64.1	67.7	72.5	75.9	80.4	81.1	84.0	86.2	86.6
GE 000	64.1	67.7	72.6	75.9	80.4	81.1	84.1	86.2	86.6

TOTAL NUMBER OF OBSERVATIONS 7440

A

INGTON   PERIOD OF RECORD: JUN 73 - MAY 88
             MONTH: JAN HOURS: ALL

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
1	23.4	23.5	24.1	24.4	24.5	24.8	25.0	25.2	25.9
9	27.3	27.4	28.1	29.4	28.4	28.8	29.1	29.2	29.9
5	27.8	28.0	28.6	29.0	29.0	29.4	29.5	29.8	30.5
9	28.3	28.4	29.1	29.4	29.4	29.9	30.1	30.3	31.0
6	30.0	30.1	30.8	31.1	31.2	31.6	31.8	32.0	32.7
9	32.3	32.4	33.1	33.5	33.6	34.0	34.2	34.4	35.2
4	35.9	36.0	36.7	37.2	37.2	37.6	37.9	38.1	38.8
8	36.3	36.4	37.2	37.6	37.6	38.1	38.3	38.5	39.2
7	40.2	40.3	41.0	41.5	41.5	41.9	42.2	42.4	43.2
3	42.3	42.5	43.2	43.6	43.7	44.1	44.4	44.6	45.3
0	43.5	43.6	44.3	44.8	44.8	45.3	45.5	45.7	46.5
2	47.7	47.9	48.6	49.0	49.1	49.6	49.9	50.1	50.8
3	52.4	52.5	53.3	53.8	53.8	54.3	54.6	54.8	55.6
4	58.9	59.1	59.9	60.5	60.6	61.2	61.5	61.7	62.4
6	64.2	64.3	65.2	65.8	65.9	66.5	66.8	67.0	67.7
4	71.1	71.3	72.2	72.9	72.9	73.5	73.9	74.1	74.9
0	74.8	75.0	76.0	76.7	76.7	77.3	77.7	77.9	78.7
7	77.5	77.7	78.8	79.5	79.5	80.1	80.5	80.7	81.5
2	78.0	78.2	79.4	80.1	80.1	80.7	81.1	81.3	82.1
9	79.9	80.1	81.3	82.0	82.0	82.6	83.0	83.2	84.0
6	80.7	80.9	82.2	82.9	82.9	83.5	83.9	84.1	84.9
9	82.1	82.4	83.8	84.4	84.5	85.1	85.5	85.7	86.5
3	82.6	82.9	84.2	84.9	84.9	85.6	86.0	86.2	87.0
6	82.9	83.2	84.5	85.3	85.3	85.9	86.4	86.6	87.4
9	83.3	83.6	85.0	85.8	85.8	86.4	86.9	87.1	88.0
3	83.8	84.2	85.6	86.4	86.4	87.1	87.5	87.8	88.6
9	84.5	84.9	85.6	87.5	87.5	88.2	88.7	89.0	89.9
4	85.3	85.7	87.7	88.3	88.9	89.6	90.2	90.5	91.5
7	85.7	86.1	88.4	89.7	89.7	90.8	91.4	91.8	93.5
0	86.0	86.5	89.1	90.6	90.7	92.1	92.9	93.8	96.6
0	86.2	86.6	89.3	90.9	91.0	92.6	93.5	95.0	99.1
1	86.2	86.6	89.3	90.9	91.0	92.6	93.5	95.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

| CEILING | | | | | | VISIBILITY IN STATUTE MILES | | | |
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	16.7	18.5	20.3	22.4	25.2	25.2	25.3	26.0	26.3
GE 20000	20.0	22.5	24.4	26.5	29.7	29.7	30.3	30.5	30.7
GE 18000	20.1	22.5	24.5	26.5	29.8	29.8	30.4	30.6	30.9
GE 16000	20.1	22.5	24.5	26.5	29.8	29.8	30.4	30.6	30.9
GE 14000	20.8	23.4	25.3	27.4	30.6	30.6	31.2	31.4	31.7
GE 12000	21.0	23.6	25.4	27.6	30.7	30.7	31.3	31.6	31.8
GE 10000	24.0	26.7	28.7	30.9	34.3	34.3	34.9	35.1	35.3
GE 9000	24.5	27.2	29.2	31.3	34.1	34.7	35.3	35.6	35.8
GE 8000	28.2	31.1	33.6	35.7	39.2	39.2	40.0	40.3	40.5
GE 7000	29.9	33.2	35.8	38.0	41.6	41.6	42.4	42.6	42.9
GE 6000	31.3	34.7	37.3	39.6	43.1	43.1	43.9	44.3	44.5
GE 5000	37.3	40.9	43.7	46.4	50.4	50.4	51.2	51.6	51.8
GE 4500	40.5	44.4	48.2	51.5	55.7	55.7	56.5	56.9	57.1
GE 4000	46.3	50.3	54.7	58.2	62.8	62.8	63.6	64.1	64.3
GE 3500	51.2	55.7	60.2	63.8	68.9	68.9	69.7	70.2	70.4
GE 3000	56.1	60.9	65.6	69.3	74.8	74.8	75.6	76.1	76.3
GE 2500	58.8	63.6	68.6	72.4	78.1	78.1	79.0	79.5	79.7
GE 2000	61.7	66.5	72.0	75.1	82.1	82.1	83.2	83.6	83.8
GE 1800	62.0	66.8	72.2	76.4	82.4	82.4	83.5	84.0	84.2
GE 1500	63.4	68.3	74.0	78.3	84.5	84.5	85.5	86.0	86.2
GE 1200	64.0	69.0	74.7	79.0	85.4	85.4	86.5	86.9	87.2
GE 1000	64.7	69.7	75.4	79.7	86.1	86.1	87.2	87.8	88.0
GE 900	64.8	69.8	75.5	79.9	86.3	86.3	87.4	88.0	88.2
GE 800	65.0	70.1	75.7	80.2	86.7	86.7	87.8	88.3	88.6
GE 700	65.0	70.1	75.9	80.3	86.8	86.9	88.1	88.7	88.9
GE 600	65.1	70.2	76.1	80.6	87.0	87.2	88.3	89.3	89.5
GE 500	65.1	70.2	76.1	80.6	87.3	87.4	88.6	89.5	89.8
GE 400	65.1	70.2	76.1	80.7	87.5	87.5	88.8	89.8	90.0
GE 300	65.1	70.2	76.1	80.7	87.5	87.6	88.8	89.8	90.0
GE 200	65.1	70.2	76.1	80.7	87.5	87.6	88.9	89.5	90.2
GE 100	65.1	70.2	76.1	80.7	87.5	87.6	88.9	89.9	90.2
GE 000	65.1	70.2	76.1	80.7	87.5	87.6	88.9	89.9	90.2

TOTAL NUMBER OF OBSERVATIONS   849

A   G - 2 - 10

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                       MONTH: FEB   HOURS: 00-02

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	26.0	26.3	27.2	27.9	28.2	28.4	28.5	29.1	29.2
.3	30.5	30.7	31.7	32.4	32.6	32.9	33.0	33.6	33.7
.4	30.6	30.9	31.8	32.5	32.7	33.0	33.1	33.7	33.8
.4	30.6	30.9	31.8	32.5	32.7	33.0	33.1	33.7	33.8
.2	31.4	31.7	32.5	33.3	33.6	33.8	33.9	34.5	34.6
.3	31.6	31.8	32.7	33.5	33.7	33.9	34.0	34.6	34.7
.9	35.1	35.3	36.6	37.3	37.6	37.8	37.9	38.5	38.6
.3	35.6	35.8	37.1	37.8	38.0	38.3	38.4	39.0	39.1
.0	40.3	40.5	41.9	42.8	43.0	43.2	43.3	44.1	44.2
.4	42.5	42.9	44.3	45.1	45.3	45.6	45.7	46.4	46.5
.9	44.3	44.5	45.9	46.9	47.1	47.3	47.5	48.2	48.4
.2	51.6	51.8	53.4	54.3	54.5	54.8	54.9	55.6	55.8
.2	56.9	57.1	58.7	59.6	59.8	60.1	60.2	60.9	61.1
.5	54.1	54.3	56.0	67.0	67.3	67.5	67.7	68.4	68.7
.7	70.2	70.4	72.1	73.3	73.5	74.0	74.1	74.8	75.0
.6	76.1	76.3	78.1	79.3	79.5	80.1	80.2	80.9	81.2
.0	79.5	79.7	81.5	82.7	82.9	83.5	83.6	84.3	84.6
.2	83.6	83.8	85.7	86.9	87.2	87.8	87.9	88.6	88.8
.5	84.0	84.2	86.1	87.4	87.6	88.2	88.3	89.0	89.4
.5	86.0	86.2	88.1	89.4	89.6	90.2	90.3	91.0	91.4
.5	86.9	87.2	89.0	90.3	90.6	91.2	91.3	92.0	92.3
.2	87.8	88.0	89.9	91.2	91.4	92.1	92.2	92.9	93.3
.4	88.0	88.2	90.1	91.5	91.8	92.5	92.6	93.3	93.6
.4	88.3	88.6	90.5	91.9	92.1	92.8	92.9	93.6	94.0
.1	88.7	88.9	90.8	92.2	92.5	93.2	93.3	94.0	94.3
.3	89.3	89.5	91.4	92.8	93.1	93.8	93.9	94.6	94.9
.6	89.5	89.8	91.6	93.1	93.3	94.0	94.1	94.8	95.2
.8	89.8	90.0	91.9	93.1	93.5	94.2	94.3	95.1	95.4
.3	89.8	90.0	91.9	93.4	93.8	94.5	94.8	95.5	95.9
.9	89.9	90.2	92.2	94.1	94.7	95.5	95.9	96.7	97.9
.9	89.9	90.2	92.3	94.2	94.8	95.8	96.1	97.3	99.9
.9	89.9	90.2	92.3	94.2	94.8	95.8	96.1	97.3	100.0

D - 2 - 10   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	15.2	17.0	18.5	20.3	21.7	22.0	22.4	22.6	23.0
GE 20000	17.1	19.0	20.6	22.9	24.6	25.1	25.4	25.9	26.3
GE 18000	17.1	19.0	20.6	22.9	24.6	25.1	25.4	25.9	26.3
GE 16000	17.3	19.2	20.8	23.1	24.9	25.3	25.7	26.1	26.5
GE 14000	17.5	19.4	21.1	23.4	25.2	25.7	26.0	26.5	26.9
GE 12000	18.3	20.1	21.8	24.1	25.9	26.4	26.7	27.2	27.5
GE 10000	21.0	23.0	24.6	27.0	28.9	29.3	29.7	30.2	30.5
GE 9000	21.2	23.2	24.9	27.2	29.1	29.6	29.9	30.4	30.7
GE 9000	25.1	27.2	29.0	31.3	33.3	33.8	34.2	34.6	35.0
GE 7000	27.3	29.6	31.3	34.3	36.4	36.9	37.2	37.7	38.0
GE 6000	29.6	30.9	32.6	35.6	37.7	38.2	38.5	39.0	39.3
GE 5000	35.6	38.2	39.9	43.0	45.7	46.2	46.5	47.0	47.3
GE 4500	39.7	42.6	44.5	48.5	51.5	51.9	52.3	52.8	53.1
GE 4000	45.7	49.0	51.6	55.9	59.1	59.6	60.0	60.7	61.0
GE 3500	51.0	54.3	56.8	61.4	64.7	65.1	65.5	66.2	66.5
GE 3000	57.1	60.7	63.8	68.6	72.2	72.7	73.3	74.0	74.3
GE 2500	60.0	63.6	67.1	72.0	75.9	76.3	77.0	77.7	78.1
GE 2000	62.1	65.7	69.6	75.0	78.0	79.5	80.2	80.9	81.3
GE 1800	62.3	65.4	70.3	75.7	79.7	80.2	80.9	81.6	82.0
GE 1500	64.3	68.2	72.4	78.0	82.2	82.7	83.4	84.1	84.5
GE 1200	64.5	68.4	72.7	78.2	82.7	83.2	83.9	84.6	94.9
GE 1000	64.8	68.7	73.0	78.7	83.2	83.6	84.3	85.0	95.4
GE 900	64.8	68.7	73.0	78.7	83.2	83.6	84.3	85.0	85.4
GE 800	65.0	68.9	73.4	79.0	83.5	84.0	84.8	85.5	85.9
GE 700	65.1	69.0	73.5	79.2	84.0	84.5	85.4	86.1	86.5
GE 600	65.3	69.5	74.0	79.6	84.6	85.2	86.0	86.9	87.3
GE 500	65.5	69.7	74.3	80.0	84.9	85.5	86.5	87.4	87.8
GE 400	65.5	69.8	74.4	80.2	85.5	86.1	87.0	88.0	88.3
GE 300	65.5	69.8	74.4	80.2	85.5	86.1	87.2	88.1	88.5
GE 200	65.5	69.8	74.4	80.2	85.5	86.1	87.2	88.1	88.5
GE 100	65.6	69.8	74.4	80.2	85.5	86.1	87.2	88.1	88.6
GE 000	65.6	69.8	74.4	80.2	85.5	86.1	87.2	88.1	88.6

TOTAL NUMBER OF OBSERVATIONS   949

HINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
    MONTH: FEB   HOURS: 03-05

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	22.6	23.0	23.4	24.0	24.0	24.0	24.1	24.5	25.7
.4	25.9	25.3	25.7	27.3	27.3	27.3	27.4	27.8	29.1
.4	25.9	25.3	25.7	27.3	27.3	27.3	27.4	27.8	29.1
.7	25.1	25.5	27.0	27.6	27.6	27.6	27.7	28.0	29.3
.0	25.5	25.9	27.3	27.3	27.9	27.9	28.0	28.4	29.7
.7	27.2	27.5	28.0	28.5	29.6	28.6	28.7	29.1	30.4
.7	30.2	30.5	31.2	31.8	31.8	31.8	31.9	32.3	33.6
.1	30.4	30.7	31.4	32.0	32.0	32.0	32.2	32.5	33.8
.2	34.6	35.0	35.8	36.4	36.4	36.5	36.7	37.1	38.4
.2	37.7	38.0	38.9	39.5	38.5	39.7	38.8	40.2	41.5
.5	39.0	37.3	40.2	40.8	40.8	41.0	41.2	41.5	42.9
.5	47.0	47.3	48.3	48.0	49.0	49.2	49.5	49.8	51.1
.3	52.8	53.1	54.3	55.0	55.0	55.2	55.5	55.8	57.1
.0	50.7	51.0	52.2	52.9	52.9	63.1	53.4	63.7	65.0
.5	55.2	55.5	57.7	58.4	58.4	68.7	63.9	59.3	70.5
.3	74.0	74.3	75.6	76.4	76.4	76.7	76.9	77.3	78.6
.0	77.7	78.1	79.5	80.3	80.3	80.6	80.8	81.2	82.4
.2	80.9	81.3	82.7	83.5	83.5	83.7	84.0	84.3	85.6
.0	81.6	82.0	83.4	84.2	84.2	84.5	84.7	85.0	85.3
.4	84.1	84.5	85.9	86.7	86.7	86.9	87.2	87.5	88.8
.0	84.6	84.9	86.3	87.2	87.2	87.4	87.5	88.0	89.3
.3	85.0	85.4	86.8	87.6	87.6	87.9	88.1	88.5	89.8
.3	85.0	85.4	86.8	87.6	87.6	87.9	88.1	88.5	89.8
.3	85.5	85.9	87.3	88.1	88.1	88.3	88.6	88.9	90.2
.4	86.1	86.5	87.9	88.7	88.7	88.9	89.2	89.5	90.8
.0	86.9	87.3	88.7	89.5	89.5	89.8	90.0	90.3	91.6
.5	87.4	87.8	89.3	90.2	90.2	90.6	90.8	91.2	92.5
.0	88.0	88.3	89.9	90.8	90.8	91.2	91.4	91.8	93.1
.2	88.1	88.5	90.0	91.0	91.0	91.4	91.6	92.0	93.8
.2	88.1	88.6	90.1	91.3	91.4	92.1	92.5	93.3	95.6
.2	88.1	88.6	90.2	91.4	91.5	92.2	92.7	94.2	98.7
.2	88.1	88.6	90.2	91.4	91.5	92.2	92.7	94.2	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENC
FROM HOURLY OBSERV

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	14.7	16.0	17.3	17.7	18.7	18.7	19.3	20.5	20.5
GE 20000	16.5	18.3	19.7	20.1	21.2	21.2	21.9	23.2	23.2
GE 18000	16.5	18.4	19.8	20.3	21.3	21.3	22.0	23.3	23.3
GE 16000	16.5	18.4	19.8	20.3	21.3	21.3	22.0	23.3	23.3
GE 14000	17.3	19.2	20.6	21.2	22.4	22.4	23.1	24.4	24.4
GE 12000	18.5	20.4	21.8	22.4	23.6	23.6	24.3	25.7	25.7
GE 10000	22.1	24.1	25.7	26.4	27.7	27.7	28.4	29.8	29.8
GE 9000	22.7	24.7	26.3	27.0	28.3	28.3	29.0	30.4	30.4
GE 8000	25.9	28.0	29.7	30.4	31.7	31.7	32.5	34.2	34.2
GE 7000	27.1	29.4	31.2	31.9	33.6	33.6	34.4	36.0	36.0
GE 6000	28.2	30.5	32.4	33.1	34.7	34.7	35.6	37.2	37.2
GE 5500	33.5	36.3	38.3	39.2	41.2	41.2	42.0	43.7	43.7
GE 4500	37.1	40.2	42.3	44.2	45.2	45.2	47.0	48.8	48.8
GE 4000	43.8	46.9	50.1	51.8	54.3	54.3	55.1	57.0	57.0
GE 3500	48.5	51.6	54.9	57.0	59.8	59.8	60.7	62.5	62.5
GE 3000	54.3	57.7	61.7	64.2	67.3	67.3	68.2	70.1	70.1
GE 2500	57.1	60.8	65.0	67.8	71.3	71.3	72.3	74.3	74.4
GE 2000	60.3	64.0	68.2	71.3	74.7	74.7	75.7	77.7	77.7
GE 1800	60.7	64.3	68.7	71.7	75.1	75.1	76.2	78.2	78.3
GE 1500	62.3	66.4	71.1	74.4	78.1	78.1	79.3	81.3	81.4
GE 1200	62.9	66.6	71.5	74.8	78.6	78.7	79.9	82.0	82.1
GE 1000	63.5	67.3	72.3	75.7	79.7	79.9	81.2	83.3	83.4
GE 900	63.5	67.3	72.3	75.7	79.9	80.0	81.3	83.4	83.5
GE 800	63.7	67.4	72.4	76.0	80.1	80.2	81.5	83.6	83.7
GE 700	64.0	67.6	72.7	76.3	80.6	80.7	82.1	84.3	84.5
GE 600	64.4	68.1	73.1	76.8	81.2	81.3	82.7	85.0	85.2
GE 500	64.5	68.2	73.4	77.0	81.4	81.5	83.3	86.0	86.1
GE 400	64.5	68.3	73.5	77.1	81.5	81.6	83.4	86.2	86.5
GE 300	64.5	68.3	73.5	77.3	82.0	82.1	84.0	86.9	87.2
GE 200	64.5	68.3	73.5	77.4	82.2	82.3	84.2	87.3	87.3
GE 100	64.5	68.3	73.6	77.4	82.2	82.3	84.2	87.4	87.9
GE 000	64.5	68.3	73.6	77.4	82.2	82.3	84.2	87.4	87.9

TOTAL NUMBER OF OBSERVATIONS   849

A

ASHINGTON　　　　　PERIOD OF RECORD:　JUN 78 - MAY 88
　　　　　　　　　　MONTH: FEB　HOURS: 06-09

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
9.3	20.5	20.5	21.0	21.4	21.4	21.7	21.7	21.9	22.3
.9	23.2	23.2	23.8	24.3	24.3	24.5	24.5	25.0	25.3
2.0	23.3	23.3	23.9	24.4	24.4	24.5	24.5	25.1	25.4
2.0	23.3	23.3	23.9	24.4	24.4	24.6	24.6	25.1	25.4
3.1	24.4	24.4	25.0	25.4	25.4	25.7	25.7	26.1	26.5
.3	25.7	25.7	25.3	25.7	26.7	27.0	27.0	27.4	27.8
.4	29.8	29.8	30.4	30.9	30.9	31.1	31.1	31.7	32.0
.2	30.4	30.4	31.0	31.4	31.4	31.7	31.7	32.3	32.6
.5	34.2	34.2	34.9	35.3	35.3	35.7	35.7	36.3	36.6
.4	36.0	36.0	36.7	37.2	37.2	37.6	37.6	38.2	38.5
.6	37.2	37.2	37.9	38.4	38.4	38.8	38.8	39.3	39.7
.0	43.7	43.7	44.6	45.1	45.1	45.5	45.5	46.1	46.4
.0	48.8	48.8	49.3	50.5	50.5	50.9	50.9	51.5	51.8
.1	57.0	57.0	58.2	58.9	58.9	59.2	59.2	59.8	60.2
.7	62.5	62.5	63.7	64.4	64.4	64.8	64.8	65.4	65.7
3.2	70.1	70.1	71.3	72.0	72.0	72.3	72.3	72.9	73.3
.3	74.3	74.4	75.6	76.3	76.3	76.7	76.7	77.3	77.6
.7	77.7	77.8	79.0	79.7	79.7	80.1	80.1	80.7	81.0
.2	78.2	78.3	79.5	80.2	80.2	80.6	80.6	81.2	81.5
.3	81.3	81.4	82.6	83.3	83.3	83.6	83.6	84.2	84.6
.9	82.0	82.1	83.3	84.0	84.0	84.3	84.3	84.9	85.3
.2	83.3	83.4	84.6	85.3	85.3	85.6	85.6	86.2	86.5
.3	83.4	83.5	84.7	85.4	85.4	85.7	85.7	86.3	86.7
.5	83.6	83.7	85.2	85.9	85.9	86.2	86.2	86.8	87.2
.1	84.3	84.5	86.1	86.8	86.8	87.2	87.3	87.9	88.2
.7	85.0	85.2	86.8	87.5	87.5	87.9	88.0	88.6	88.9
.3	86.0	86.1	87.9	88.8	88.8	89.2	89.3	89.9	90.2
.4	86.2	86.5	88.2	89.3	89.3	89.6	89.8	90.3	90.7
.0	86.9	87.2	88.9	90.0	90.1	90.5	91.2	92.0	92.3
.2	87.3	87.3	89.6	90.9	91.0	91.5	92.5	93.8	95.3
.2	87.4	87.9	89.8	91.2	91.3	91.9	93.2	95.2	99.1
.2	87.4	87.9	88.5	91.2	91.3	91.9	93.2	95.2	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON

LST TO UTC: + 8

| CEILING | | | | | | VISIBILITY IN STATUTE MILES | | | |
| IN | GE | GE | GE | GE | GE | GE | GE | GE | GE |
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	12.8	13.9	15.2	15.7	16.5	16.7	17.1	17.4	17.4
GE 20000	15.5	16.8	18.4	19.1	20.3	20.5	21.0	21.4	21.6
GE 18000	16.0	17.5	19.1	19.8	21.0	21.2	21.7	22.1	22.3
GE 16000	16.4	17.9	19.4	20.1	21.3	21.6	22.0	22.5	22.6
GE 14000	18.3	21.0	22.6	23.4	24.6	24.9	25.3	25.3	25.9
GE 12000	21.0	22.7	24.5	25.3	26.6	26.9	27.3	27.8	27.9
GE 10000	24.7	26.6	28.6	29.6	31.1	31.3	31.8	32.3	32.5
GE 9000	25.4	28.3	30.3	31.2	32.7	33.0	33.5	33.9	34.2
GE 8000	30.0	32.0	34.3	35.2	36.9	37.2	37.7	38.4	38.6
GE 7000	31.4	33.5	35.8	36.7	38.4	38.8	39.2	39.9	40.2
GE 6000	33.9	37.9	38.3	39.3	41.0	41.3	41.8	42.5	42.8
GE 5000	38.4	40.5	43.5	44.8	46.4	46.8	47.2	47.9	48.2
GE 4500	43.5	45.8	49.1	50.5	52.4	52.8	53.2	54.1	54.4
GE 4000	49.8	52.4	56.3	57.7	59.6	60.0	60.5	61.4	61.7
GE 3500	53.6	56.5	60.8	62.4	64.7	65.0	65.8	66.8	67.1
GE 3000	59.6	62.8	67.3	69.3	71.6	72.0	72.8	74.0	74.3
GE 2500	61.7	65.0	69.8	71.8	74.2	74.7	75.7	77.4	77.7
GE 2000	63.3	67.1	72.2	74.2	77.0	77.5	78.6	80.2	80.5
GE 1800	64.1	67.4	72.4	74.4	77.3	77.7	78.8	80.4	80.8
GE 1500	65.3	68.8	75.3	77.4	80.6	81.0	82.3	84.0	84.3
GE 1200	66.5	70.2	75.6	77.9	81.2	81.6	83.2	84.8	85.2
GE 1000	66.7	71.0	75.8	79.0	82.7	83.2	84.9	86.8	87.2
GE 900	66.8	71.1	75.9	79.3	82.9	83.4	85.2	87.2	87.5
GE 800	66.9	71.3	77.0	79.9	83.5	84.0	85.7	87.8	88.1
GE 700	67.1	71.5	77.3	80.2	84.0	84.5	86.3	88.3	88.7
GE 600	67.1	71.5	77.3	80.2	84.2	84.7	86.6	88.6	88.9
GE 500	67.1	71.5	77.3	80.2	84.2	84.7	86.8	89.2	89.5
GE 400	67.3	71.5	77.4	80.4	84.5	84.9	87.2	89.9	90.3
GE 300	67.3	71.5	77.4	80.4	84.5	84.9	87.3	90.0	90.7
GE 200	67.3	71.6	77.4	80.4	84.5	84.9	87.3	90.1	90.8
GE 100	67.3	71.6	77.4	80.4	84.5	84.9	87.3	90.1	90.8
GE 000	67.3	71.5	77.4	80.4	84.5	84.9	87.3	90.1	90.8

TOTAL NUMBER OF OBSERVATIONS 849

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WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                      MONTH: FEB   HOURS: 09-11

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
7.1	17.4	17.4	17.8	17.9	17.9	18.0	18.1	18.1	18.6
1.0	21.4	21.6	22.0	22.1	22.1	22.3	22.4	22.6	23.1
1.7	22.1	22.3	22.7	22.9	22.9	23.0	23.1	23.3	23.8
2.0	22.5	22.5	23.1	23.2	23.2	23.3	23.4	23.7	24.1
5.3	25.8	25.9	26.4	26.5	26.5	26.6	26.7	27.0	27.4
7.3	27.8	27.9	28.4	28.5	28.5	28.6	28.7	29.0	29.4
1.8	32.3	32.5	33.0	33.1	33.1	33.2	33.3	33.6	34.0
3.5	33.9	34.2	34.5	34.7	34.7	34.9	35.0	35.2	35.7
7.7	38.4	38.5	39.1	39.2	39.2	39.3	39.5	39.8	40.4
9.2	39.9	40.2	40.6	40.8	40.8	40.9	41.0	41.3	41.9
1.8	42.5	42.8	43.2	43.3	43.3	43.5	43.6	43.9	44.5
7.2	47.9	48.2	48.6	48.8	48.8	48.9	49.0	49.4	49.9
3.2	54.1	54.4	55.1	55.2	55.2	55.4	55.5	55.8	56.4
0.5	61.4	61.7	62.4	62.5	62.5	62.7	62.8	63.1	63.7
5.8	66.8	67.1	67.3	68.0	68.0	68.1	68.2	68.6	69.1
2.8	74.0	74.3	75.1	75.3	75.3	75.4	75.5	75.9	76.4
5.7	77.4	77.7	78.7	78.8	78.8	78.9	79.0	79.4	80.0
1.6	80.2	80.5	81.5	81.6	81.6	81.7	81.9	82.2	82.8
8.5	80.4	80.8	81.7	81.9	81.9	82.0	82.1	82.4	83.0
2.8	84.0	84.3	85.3	85.5	85.5	85.6	85.7	86.1	86.7
8.2	84.8	85.2	86.1	86.3	86.3	86.5	86.6	86.9	87.5
1.9	86.9	87.2	88.1	88.8	88.8	89.2	89.3	89.6	90.2
1.2	87.2	87.5	88.5	89.2	89.2	89.5	89.5	90.0	90.5
5.7	87.8	88.1	89.0	89.9	89.9	90.3	90.5	90.8	91.4
1.3	88.3	88.7	89.5	90.5	90.5	90.9	91.2	91.4	92.0
5.5	88.6	88.9	89.9	90.7	90.7	91.2	91.3	91.5	92.2
6.3	87.2	89.5	90.9	91.9	91.9	92.3	92.5	92.8	93.4
1.2	88.9	89.3	91.5	92.9	92.9	93.4	93.5	93.9	94.5
7.3	90.0	90.7	92.3	93.9	93.9	94.6	94.8	95.6	96.2
7.3	90.1	90.8	92.7	94.6	94.6	95.4	96.1	97.2	98.2
7.3	90.1	90.8	92.7	94.6	94.6	95.5	96.2	97.9	99.4
7.3	90.1	90.8	92.7	94.6	94.6	95.5	96.2	97.9	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

| CEILING | | | | | VISIBILITY IN STATUTE MILES | | | | |
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	15.5	16.4	16.7	17.1	17.3	17.4	17.6	17.6	17.7
GE 20000	24.0	25.0	25.8	26.3	26.5	26.6	26.7	26.7	26.9
GE 18000	25.0	26.1	27.0	27.4	27.7	27.3	27.3	27.9	28.0
GE 16000	26.1	26.3	27.1	27.6	27.8	27.9	23.0	23.0	26.2
GE 14000	27.2	23.4	29.2	29.7	29.9	30.0	30.2	30.2	30.3
GE 12000	29.7	30.9	31.8	32.3	32.5	32.6	32.7	32.7	32.9
GE 10000	35.5	36.5	37.6	38.0	38.4	33.5	38.9	33.9	39.0
GE 9000	35.3	37.0	37.9	38.4	38.8	38.9	39.2	39.2	39.3
GE 8000	40.3	41.6	42.5	43.0	43.3	43.5	43.8	43.8	43.9
GE 7000	41.9	43.2	44.3	44.8	45.1	45.2	45.6	45.6	45.7
GE 6000	43.5	44.8	45.8	46.4	46.8	46.9	47.2	47.2	47.3
GE 5000	47.3	43.6	49.7	50.3	50.8	50.9	51.2	51.5	51.6
GE 4500	52.1	53.5	54.7	55.2	55.7	55.8	56.2	56.4	56.7
GE 4000	59.0	61.0	62.4	63.1	63.8	64.0	64.3	64.5	64.8
GE 3500	62.3	64.3	66.5	67.5	68.6	68.8	69.1	69.4	69.6
GE 3000	72.2	74.3	76.7	77.9	79.5	79.7	80.3	80.6	80.8
GE 2500	74.9	77.3	79.9	81.0	82.7	83.0	83.6	83.9	34.1
GE 2000	77.5	80.0	82.3	34.3	86.1	86.5	87.0	87.3	87.5
GE 1800	78.0	30.6	83.5	85.0	86.8	87.2	87.8	88.0	38.2
GE 1500	80.2	33.2	85.6	33.7	90.6	90.9	91.6	91.9	92.1
GE 1200	81.4	34.3	87.8	90.0	92.1	92.5	93.2	93.4	93.6
GE 1000	31.6	84.6	88.1	90.3	92.8	93.2	93.9	94.1	94.3
GE 900	31.6	84.6	88.1	90.3	92.8	33.2	93.9	94.2	94.5
GE 800	81.7	84.7	38.2	90.6	93.1	93.5	94.2	94.6	94.8
GE 700	81.7	84.7	38.3	90.8	93.4	93.9	94.6	74.9	95.2
GE 600	31.7	34.7	88.3	90.9	93.5	94.0	94.9	95.4	95.6
GE 500	82.0	34.9	88.7	91.3	94.0	94.6	95.6	96.6	96.9
GE 400	82.0	34.9	38.7	31.3	94.0	94.0	95.6	96.7	97.3
GE 300	82.0	84.9	88.7	91.3	94.0	94.6	95.8	96.8	97.5
GE 200	82.0	84.9	88.7	91.3	94.0	94.6	95.8	96.8	97.5
GE 100	32.0	84.9	88.7	91.3	94.0	94.6	95.8	96.8	97.5
GE 000	82.0	84.9	88.7	91.3	94.0	94.6	95.9	96.8	97.5

TOTAL NUMBER OF OBSERVATIONS 949

NINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB   HOURS: 12-14

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STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
3	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
5	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
2	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
2	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
3	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
3	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0
6	83.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3
0	87.3	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8
3	88.0	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5
6	91.9	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5
2	93.4	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0
9	94.1	94.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9
0	94.2	94.5	94.6	95.1	95.1	95.1	95.1	95.1	95.1
2	94.6	94.8	94.9	95.4	95.4	95.5	95.5	95.5	95.5
5	94.9	95.2	95.4	95.9	95.9	96.0	96.0	96.0	96.0
9	95.4	95.6	95.9	96.3	96.3	96.5	96.5	96.5	96.5
6	96.6	96.9	97.6	98.1	98.1	98.2	98.2	98.2	98.2
5	96.7	97.3	98.6	99.2	99.2	99.3	99.3	99.3	99.3
6	96.8	97.5	98.8	99.6	99.6	99.8	99.8	99.9	99.9
8	96.8	97.5	98.8	99.6	99.6	99.8	99.8	99.9	99.9
8	96.8	97.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0
8	96.8	97.5	98.8	99.6	99.6	99.9	99.9	100.0	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                    LST TO UTC: + 8

CEILING						VISIBILITY IN STATUTE MILES			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	21.8	21.9	22.6	22.9	22.9	23.0	23.1	23.2	23.2
GE 20000	29.1	29.3	30.0	30.3	30.3	30.4	30.5	30.6	30.6
GE 18000	23.8	30.0	30.7	31.0	31.0	31.1	31.2	31.3	31.3
GE 16000	29.9	30.2	30.9	31.1	31.1	31.2	31.3	31.4	31.4
GE 14000	32.5	32.9	33.7	33.9	33.9	34.0	34.2	34.3	34.3
GE 12000	36.0	36.3	37.1	37.3	37.3	37.5	37.6	37.7	37.7
GE 10000	40.2	40.4	41.2	41.5	41.5	41.6	41.7	41.8	41.8
GE 9000	40.5	40.8	41.6	41.8	41.8	41.9	42.0	42.2	42.2
GE 8000	44.4	44.6	45.5	45.8	45.8	45.9	45.1	46.2	46.2
GE 7000	46.1	46.3	47.2	47.7	47.7	47.8	47.9	48.1	48.1
GE 6000	48.5	48.8	49.7	50.2	50.2	50.3	50.4	50.5	50.5
GE 5000	53.0	53.2	54.4	55.0	55.1	55.2	55.4	55.5	55.5
GE 4500	57.5	57.7	59.1	59.7	59.8	60.0	60.1	60.2	60.2
GE 4000	63.5	64.0	65.4	66.0	66.2	66.3	66.4	66.8	66.8
GE 3500	70.3	71.4	72.8	73.6	74.0	74.1	74.2	74.6	74.6
GE 3000	77.5	78.2	80.2	81.7	82.4	82.6	82.9	83.4	83.4
GE 2500	81.2	82.1	84.7	86.5	87.4	87.5	88.0	88.5	88.5
GE 2000	84.1	85.2	88.0	90.0	90.9	91.0	91.5	92.0	92.0
GE 1800	84.7	85.9	88.7	90.8	91.8	91.9	92.3	92.8	92.8
GE 1500	86.0	87.3	90.3	92.5	93.9	94.0	94.5	95.3	95.3
GE 1200	86.2	87.5	90.7	92.9	94.3	94.6	95.1	95.9	95.9
GE 1000	86.3	88.3	91.5	93.9	95.4	95.9	96.5	97.3	97.3
GE 900	86.3	88.3	91.6	94.0	95.5	96.0	96.6	97.4	97.4
GE 800	86.8	88.3	91.6	94.0	95.5	96.0	96.7	97.5	97.5
GE 700	86.8	88.3	91.8	94.1	95.6	96.1	96.8	97.6	97.6
GE 600	86.9	88.3	91.8	94.1	95.6	96.2	96.9	97.9	97.9
GE 500	86.8	88.3	91.8	94.1	95.6	96.2	96.9	97.9	97.9
GE 400	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.2	98.2
GE 300	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.4	98.4
GE 200	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.4	98.4
GE 100	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.4	98.4
GE 000	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS   849

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                           MONTH: FEB   HOURS: 15-17

....
IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0

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3.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
0.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
1.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
1.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
4.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
7.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
1.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
2.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
5.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
7.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
0.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
5.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
1.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
6.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
4.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2.9	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
3.0	88.5	88.5	88.5	88.5	88.6	88.5	88.6	88.6	88.6
1.5	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
2.3	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
4.5	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
5.1	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
5.5	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
5.5	97.4	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2
5.7	97.5	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4
5.8	97.6	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6
5.9	97.9	97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8
5.9	97.9	97.9	98.7	98.9	98.9	98.9	99.2	99.2	99.2
5.9	98.2	98.2	99.1	99.3	99.3	99.3	99.5	99.5	99.5
5.9	98.4	98.4	99.3	99.6	99.6	99.6	99.9	99.9	99.9
6.9	98.4	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0
5.9	98.4	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0
5.9	98.4	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0

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D - 2 - 15   B

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERV

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTO.
                          LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
						VISIBILITY IN STATUTE MILES			
NO CEIL	28.5	29.1	29.4	29.7	29.9	29.9	29.9	29.9	29.9
GE 20000	32.0	32.5	33.1	33.5	33.7	33.7	33.7	33.7	33.7
GE 18000	33.0	33.6	34.0	34.4	34.6	34.6	34.6	34.6	34.6
GE 16000	33.0	33.5	34.0	34.4	34.6	34.6	34.6	34.6	34.6
GE 14000	34.9	35.5	35.9	36.3	36.5	36.5	36.5	36.5	36.5
GE 12000	36.7	37.5	38.2	38.5	38.9	38.9	38.9	38.9	38.9
GE 10000	40.9	41.5	42.3	42.6	43.2	43.2	43.2	43.2	43.2
GE 9000	41.1	41.8	42.5	42.9	43.5	43.5	43.5	43.5	43.5
GE 8000	44.9	45.6	46.3	46.6	47.3	47.3	47.3	47.3	47.3
GE 7000	46.5	47.2	48.1	48.4	49.1	49.1	49.1	49.1	49.1
GE 6000	47.9	48.6	49.5	49.8	50.5	50.5	50.5	50.5	50.5
GE 5000	51.0	51.9	52.9	53.2	54.3	54.3	54.3	54.3	54.3
GE 4500	55.5	56.5	57.5	57.8	59.1	59.1	59.1	59.1	59.1
GE 4000	63.4	64.4	65.7	66.1	67.4	67.4	67.4	67.4	67.4
GE 3500	69.7	71.1	72.7	73.4	74.9	74.9	75.0	75.0	75.0
GE 3000	76.8	78.7	81.2	82.6	84.9	84.9	85.2	85.4	85.4
GE 2500	80.0	82.0	84.9	86.3	88.8	88.8	89.0	89.3	89.3
GE 2000	82.4	84.5	87.6	89.0	91.5	91.5	91.8	92.0	92.0
GE 1800	82.7	84.7	87.9	89.3	91.8	91.8	92.0	92.2	92.2
GE 1500	82.9	85.2	88.6	90.1	92.7	92.7	93.1	93.3	93.3
GE 1200	83.5	85.9	89.3	91.0	93.8	93.8	94.1	94.3	94.3
GE 1000	83.9	85.2	89.6	91.5	94.3	94.5	95.2	95.4	95.4
GE 900	83.9	86.2	89.9	91.6	94.6	94.7	95.4	95.9	95.9
GE 800	84.0	86.3	89.9	91.8	94.7	94.8	95.5	96.0	96.0
GE 700	84.0	86.3	89.9	91.8	94.7	94.8	95.8	96.2	96.2
GE 600	84.0	86.3	89.9	91.8	94.7	94.8	95.8	96.2	96.2
GE 500	84.0	86.3	89.9	91.8	94.8	94.9	95.2	96.7	96.7
GE 400	84.0	86.3	89.9	91.8	94.8	94.9	95.2	96.8	96.8
GE 300	84.0	86.3	89.9	91.8	94.8	94.9	96.2	97.1	97.1
GE 200	84.0	85.3	89.9	91.8	95.1	95.2	96.5	97.4	97.4
GE 100	94.0	86.3	89.9	91.8	95.1	95.2	96.5	97.4	97.4
GE 000	84.0	86.3	89.9	91.8	95.1	95.2	96.5	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS   849

A

...ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: FEB   HOURS: 18-20

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IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
9.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
3.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
4.5	34.5	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.5
4.6	34.6	34.6	34.5	34.6	34.6	34.6	34.6	34.6	34.5
6.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
8.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
3.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
3.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
7.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
9.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
4.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
9.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
7.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
5.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
5.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
9.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1.3	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
2.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
3.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
4.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
5.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
5.3	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
5.5	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
5.5	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
5.8	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
5.2	96.7	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3
5.2	96.9	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4
5.2	97.1	97.1	97.6	97.8	97.8	97.8	97.9	97.9	97.9
5.5	97.4	97.4	98.1	98.5	98.5	98.7	99.1	99.2	99.3
5.5	97.4	97.4	98.1	98.5	98.5	98.7	99.1	99.3	99.6
5.5	97.4	97.4	98.1	98.5	98.5	98.7	99.1	99.3	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	23.4	26.3	28.3	29.4	30.4	30.4	31.0	31.4	31.4
GE 20000	26.5	29.7	32.0	33.2	34.6	34.6	35.2	35.7	35.7
GE 18000	26.5	29.9	32.4	33.6	35.0	35.0	35.6	36.0	36.0
GE 16000	26.5	29.9	32.4	33.6	35.0	35.0	35.6	36.0	36.0
GE 14000	27.2	30.5	33.2	34.4	35.8	35.8	36.4	36.9	36.9
GE 12000	28.4	32.0	34.9	36.0	37.6	37.6	38.2	38.6	38.6
GE 10000	31.7	35.5	38.3	39.5	41.1	41.2	41.9	42.5	42.5
GE 9000	32.0	35.9	38.8	39.9	41.6	41.7	42.4	43.0	43.0
GE 8000	35.5	39.6	43.0	44.4	46.1	46.2	47.0	47.6	47.6
GE 7000	38.0	42.4	45.9	47.3	49.1	49.2	50.1	50.6	50.6
GE 6000	39.2	43.5	47.1	48.5	50.3	50.4	51.2	51.8	51.8
GE 5000	43.8	48.2	51.7	53.2	55.5	55.6	56.4	57.0	57.0
GE 4500	47.3	52.3	56.2	57.7	60.1	60.2	61.0	61.6	61.6
GE 4000	53.9	58.7	63.0	64.3	67.5	67.5	68.6	69.1	69.1
GE 3500	59.2	64.3	68.7	70.6	73.5	73.6	74.5	75.1	75.1
GE 3000	64.4	70.1	74.7	76.9	79.9	80.0	80.9	81.5	81.5
GE 2500	68.2	74.2	79.0	81.4	84.6	84.7	85.9	86.5	86.5
GE 2000	70.4	76.5	81.5	84.3	87.5	87.6	88.8	89.4	89.4
GE 1800	71.0	77.1	82.1	84.9	88.1	88.2	89.6	2	90.2
GE 1500	71.8	78.1	83.4	86.5	89.6	89.8	91.2	1	91.8
GE 1200	72.4	78.7	84.0	87.2	90.3	90.5	91.9	9 .5	92.5
GE 1000	72.9	79.2	84.5	87.5	90.9	91.0	92.5	93.4	93.4
GE 900	72.9	79.2	84.5	87.6	91.0	91.2	92.6	93.5	93.6
GE 800	73.1	79.4	84.7	87.9	91.3	91.4	92.8	93.8	93.9
GE 700	73.5	79.7	85.0	88.2	91.6	91.8	93.2	94.3	94.5
GE 600	73.5	79.7	85.3	88.5	91.9	92.0	93.4	94.7	94.8
GE 500	73.5	79.7	85.3	88.5	92.0	92.1	93.6	94.9	95.1
GE 400	73.5	79.7	85.3	88.5	92.1	92.2	93.8	95.1	95.2
GE 300	73.5	79.7	85.4	88.7	92.5	92.7	94.2	95.5	95.6
GE 200	73.5	79.7	85.4	88.7	92.5	92.7	94.2	95.5	95.8
GE 100	73.5	79.7	85.4	88.7	92.5	92.7	94.2	95.6	95.8
GE 000	73.5	79.7	85.4	88.7	92.5	92.7	94.2	95.6	95.8

TOTAL NUMBER OF OBSERVATIONS 849

A

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HINGTON　　　　　PERIOD OF RECORD:　JUN 78 - MAY 88
　　　　　　　　　MONTH: FEB　HOURS: 21-23

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
0	31.4	31.4	31.6	31.5	31.6	31.9	31.9	32.3	32.3
2	35.7	35.7	35.8	35.8	35.8	35.4	36.4	36.7	36.7
5	36.0	36.0	36.2	36.2	36.2	35.7	36.7	37.1	37.1
5	36.0	36.0	36.2	36.2	36.2	36.7	36.7	37.1	37.1
4	36.9	36.9	37.0	37.0	37.0	37.6	37.6	37.9	37.9
	38.6	38.6	38.8	38.8	38.8	39.3	39.3	39.7	39.7
3	42.5	42.5	42.5	42.6	42.6	43.2	43.2	43.6	43.6
5	43.0	43.0	43.1	43.1	43.1	43.7	43.7	44.1	44.1
0	47.5	47.5	47.7	47.7	47.7	48.3	48.3	48.6	48.6
1	50.6	50.6	50.8	50.8	50.8	51.4	51.4	51.7	51.7
2	51.9	51.9	51.9	51.9	51.9	52.5	52.5	52.9	52.9
4	57.0	57.0	57.1	57.1	57.1	57.7	57.7	58.1	58.1
0	61.6	61.6	61.7	61.7	61.7	62.3	62.3	62.7	62.7
5	69.1	69.1	69.3	69.3	69.3	69.3	69.8	70.2	70.2
5	75.1	75.1	75.3	75.3	75.3	75.9	75.9	76.2	76.2
9	81.5	81.5	81.6	81.6	81.6	82.2	82.2	82.6	82.6
9	86.5	86.5	86.8	86.8	86.8	87.4	87.4	87.8	87.8
3	89.4	89.4	89.8	89.8	89.8	90.3	90.3	90.7	90.7
5	90.2	90.2	90.6	90.6	90.6	91.2	91.2	91.5	91.5
2	91.8	91.8	92.1	92.1	92.1	92.7	92.7	93.1	93.1
9	92.5	92.5	92.8	92.8	92.8	93.4	93.4	93.8	93.8
5	93.4	93.4	93.8	93.8	93.8	94.3	94.3	94.7	94.7
6	93.5	93.6	94.1	94.1	94.1	94.7	94.7	95.1	95.1
3	93.8	93.9	94.3	94.3	94.3	94.9	94.9	95.3	95.3
2	94.3	94.5	94.9	94.9	94.9	95.5	95.5	95.9	95.9
4	94.7	94.8	95.3	95.3	95.3	95.9	95.9	96.2	96.2
5	94.9	95.1	95.5	95.5	95.5	96.1	96.1	96.5	96.5
3	95.1	95.2	95.6	95.6	95.6	96.2	96.2	96.6	96.6
2	95.5	95.6	96.1	96.1	96.1	96.7	96.7	97.1	97.1
2	95.5	95.8	96.3	96.5	96.5	97.2	97.6	98.6	98.6
2	95.6	95.8	96.3	96.6	96.6	97.2	97.8	98.7	100.0
2	95.6	95.8	96.3	96.6	96.6	97.2	97.8	98.7	100.0

2 - 2 - 17　　　　　　　　B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET		GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL		18.6	19.7	21.0	21.9	22.3	22.9	23.3	23.6	23.7
GE	20000	22.6	24.1	25.5	25.5	27.6	27.7	28.1	28.5	28.6
GE	18000	23.3	24.6	25.0	27.0	23.1	23.2	23.6	23.0	23.1
GE	16000	23.1	24.7	25.1	27.1	23.2	28.3	28.7	23.1	29.2
GE	14000	24.5	26.3	27.7	28.7	29.9	30.0	30.4	30.7	30.6
GE	12000	25.2	27.7	29.4	30.4	31.6	31.8	32.1	32.5	32.6
GE	10000	30.0	31.8	33.4	34.4	35.8	35.9	36.3	36.7	36.6
GE	9000	30.6	32.4	33.9	35.0	36.3	36.4	36.9	37.3	37.4
GE	8000	34.3	36.2	38.0	39.1	40.5	40.6	41.1	41.5	41.7
GE	7000	36.0	38.1	40.0	41.2	42.6	42.8	43.2	43.7	43.8
GE	6000	37.6	39.7	41.6	42.8	44.3	44.4	44.9	45.4	45.5
GE	5000	42.6	44.7	46.8	48.1	49.9	50.1	50.6	51.1	51.2
GE	4500	45.7	48.1	51.5	53.2	55.1	55.2	55.7	56.2	56.4
GE	4000	53.2	55.8	58.6	60.5	62.6	62.7	63.2	63.9	64.0
GE	3500	58.4	61.2	64.2	66.2	68.6	68.8	69.3	70.0	70.1
GE	3000	64.3	67.9	71.4	73.8	76.6	76.7	77.4	78.1	78.3
GE	2500	67.7	71.1	74.9	77.4	80.4	80.5	81.3	82.1	82.3
GE	2000	70.3	73.7	77.7	80.5	83.5	83.3	84.6	85.4	85.6
GE	1800	70.7	74.1	78.2	81.1	84.1	84.3	85.1	85.9	86.1
GE	1500	72.2	75.3	80.2	83.2	86.5	86.7	87.6	88.4	88.6
GE	1200	72.7	76.3	80.8	83.9	87.3	87.5	88.4	89.3	89.5
GE	1000	73.1	76.9	81.4	84.6	88.1	88.4	89.4	90.4	90.5
GE	900	73.1	76.9	81.5	84.6	88.3	88.5	89.5	90.6	90.8
GE	800	73.3	77.0	81.6	84.9	88.5	88.8	89.9	90.9	91.1
GE	700	73.4	77.2	81.8	85.1	88.8	89.1	90.3	91.3	91.5
GE	600	73.5	77.3	82.0	85.3	89.1	89.4	90.6	91.8	91.9
GE	500	73.6	77.4	82.1	85.4	89.3	89.6	90.9	92.3	92.5
GE	400	73.6	77.4	82.1	85.5	89.4	89.8	91.1	92.6	92.8
GE	300	73.6	77.4	82.1	85.6	89.5	89.9	91.3	92.8	93.1
GE	200	73.6	77.4	82.2	85.6	89.6	90.0	91.4	92.9	93.3
GE	100	73.6	77.4	82.2	85.6	89.6	90.0	91.4	93.0	93.3
GE	000	73.6	77.4	82.2	85.6	89.6	90.0	91.4	93.0	93.3

TOTAL NUMBER OF OBSERVATIONS 5792

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SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                    MONTH: FEB HOURS: ALL

IN STATUTE MILES

E	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	23.5	23.7	24.0	24.2	24.2	24.4	24.4	24.6	24.9
.1	23.5	23.5	23.9	29.1	29.2	29.3	29.4	29.6	29.9
.6	23.0	23.1	23.4	29.7	23.7	23.8	29.9	30.1	30.4
.7	29.1	29.2	29.5	29.8	29.8	29.9	30.0	30.2	30.5
.4	30.7	30.5	31.2	31.4	31.4	31.6	31.6	31.9	32.2
.1	32.5	32.5	33.0	33.2	33.2	33.4	33.4	33.7	33.9
.3	35.7	35.7	37.2	37.5	37.5	37.6	37.7	35.0	38.2
.4	37.3	37.4	37.8	33.0	38.0	33.2	38.2	38.5	38.8
.1	41.5	41.7	42.1	42.4	42.4	42.5	42.5	42.9	43.2
.2	43.7	43.8	44.3	44.5	44.6	44.7	44.3	45.1	45.4
.9	45.4	45.5	45.9	46.2	46.2	46.4	46.5	46.9	47.1
.9	51.1	51.2	51.7	52.0	52.0	52.2	52.2	52.5	52.8
.7	55.2	55.4	57.0	57.3	57.3	57.5	57.5	57.8	58.1
.2	53.9	54.0	54.5	64.9	65.0	65.2	65.2	65.5	55.8
.3	70.0	70.1	70.7	71.1	71.1	71.3	71.4	71.7	72.0
.4	78.1	75.3	75.9	79.3	79.3	79.6	79.5	79.9	80.2
.2	82.1	82.3	83.0	83.4	83.4	83.7	83.7	84.0	84.3
.5	85.4	85.6	85.3	86.7	86.7	87.0	87.0	87.3	87.6
.1	85.9	85.1	45.9	87.2	87.3	37.5	87.6	97.9	88.2
.5	83.4	88.5	89.4	89.8	89.8	90.0	90.1	90.4	90.7
.4	39.3	89.5	90.2	90.6	90.7	90.9	91.0	91.3	91.6
1.4	90.4	90.6	91.4	91.9	91.9	92.2	92.2	92.5	92.9
1.5	90.6	90.8	91.6	92.2	92.2	92.5	92.5	92.8	93.1
1.9	90.9	91.1	91.9	92.5	92.5	92.8	92.9	93.2	93.5
1.3	91.3	91.5	92.5	93.0	93.1	93.4	93.4	93.7	94.1
1.5	91.8	91.9	92.9	93.5	93.5	93.8	93.9	94.2	94.5
1.9	92.3	92.5	93.6	94.2	94.3	94.6	94.7	95.0	95.3
1.1	92.5	92.8	94.0	94.7	94.8	95.1	95.2	95.5	95.8
1.3	92.8	93.1	94.4	95.2	95.2	95.6	95.8	96.2	96.6
1.4	92.9	93.3	94.7	95.7	95.8	96.2	96.7	97.3	98.1
1.4	93.0	93.3	94.7	95.7	95.8	96.4	96.9	97.8	99.6
1.4	93.0	93.3	94.7	95.7	95.8	96.4	96.9	97.3	100.0

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OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERV

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	33.2	35.2	37.2	35.2	39.7	39.8	40.1	40.1	40.1
GE 20000	35.4	37.4	37.5	40.4	42.0	42.2	42.5	42.5	42.5
GE 18000	35.5	37.5	37.5	40.5	42.2	42.3	42.5	42.5	42.5
GE 16000	35.5	37.5	39.6	40.5	42.2	42.3	42.5	42.6	42.6
GE 14000	35.3	38.4	40.4	41.4	43.0	43.1	43.4	43.4	43.4
GE 12000	37.3	39.5	41.5	42.6	44.2	44.3	44.5	44.5	44.5
GE 10000	41.4	43.5	45.7	46.7	48.3	48.4	48.7	48.7	48.7
GE 9000	41.5	42.8	45.3	46.3	48.5	48.5	48.3	48.9	48.9
GE 8000	46.3	49.0	51.5	52.7	54.5	54.5	54.7	54.9	54.9
GE 7000	48.5	50.3	53.3	54.5	56.3	56.5	56.3	56.8	56.3
GE 6000	49.7	51.9	54.5	55.8	57.5	57.8	58.2	58.3	58.3
GE 5000	54.8	57.2	60.0	61.2	63.0	63.2	63.5	63.7	63.7
GE 4500	58.1	61.5	64.5	65.9	57.8	63.1	61.4	63.5	63.5
GE 4000	63.7	66.0	69.1	70.4	72.5	72.7	73.0	73.1	73.1
GE 3500	70.5	73.4	77.0	78.3	80.4	80.6	81.0	81.1	81.1
GE 3000	75.5	78.4	82.2	83.4	85.5	85.8	86.1	86.2	86.2
GE 2500	78.8	81.7	85.7	87.0	89.1	89.4	89.7	89.8	89.8
GE 2000	80.5	83.8	88.0	89.4	91.7	91.2	92.3	92.4	92.4
GE 1800	81.1	84.3	88.6	90.0	92.5	92.7	93.0	93.1	93.1
GE 1500	82.3	85.7	90.0	91.4	93.7	94.1	94.4	94.5	94.5
GE 1200	83.0	86.5	90.6	92.2	94.6	94.8	95.2	95.3	95.3
GE 1000	83.3	86.8	91.1	92.5	94.9	95.2	95.5	95.6	95.6
GE 900	83.3	86.8	91.1	92.5	94.9	95.2	95.5	95.6	95.6
GE 800	83.3	86.8	91.3	92.7	95.2	95.4	95.7	95.8	95.8
GE 700	83.5	87.0	91.7	93.1	95.6	95.8	96.1	96.2	96.2
GE 600	83.5	87.0	91.8	93.5	96.1	96.3	96.8	97.0	97.0
GE 500	83.5	87.0	91.8	93.5	96.1	96.3	96.8	97.0	97.0
GE 400	83.5	87.0	91.8	93.5	96.1	96.3	96.8	97.0	97.0
GE 300	83.5	87.0	91.8	93.5	96.1	96.3	97.2	97.4	97.4
GE 200	83.7	87.1	92.0	93.8	96.5	96.7	97.5	97.7	97.7
GE 100	83.7	87.1	92.0	93.8	96.5	96.7	97.5	97.7	97.7
GE 000	83.7	87.1	92.0	93.8	96.5	96.7	97.5	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS   930

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SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 93
MONTH: MAR   HOURS: 00-02

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.1	40.1	40.1	40.3	40.3	40.3	40.9	40.9	41.0	41.3
.2	42.5	42.5	42.7	42.7	42.7	43.2	43.2	43.3	43.7
.3	42.5	42.5	42.8	42.8	42.8	43.3	43.3	43.4	43.8
.3	42.6	42.6	42.8	42.8	42.8	43.3	43.3	43.4	43.8
.4	43.4	43.4	43.7	43.7	43.7	44.2	44.2	44.3	44.6
.5	44.5	44.5	44.8	44.8	44.8	45.4	45.4	45.5	45.8
.7	45.7	45.7	45.9	45.9	45.9	45.5	45.5	45.6	45.9
.8	48.8	48.8	49.1	49.1	49.1	49.7	49.7	49.8	50.1
.9	54.9	54.9	55.2	55.2	55.2	55.7	55.8	55.9	56.2
1.3	56.8	56.8	57.0	57.0	57.0	57.5	57.6	57.7	58.1
1.2	58.3	58.3	58.5	58.5	58.5	59.0	59.1	59.2	59.5
1.5	58.7	58.7	58.9	58.9	58.9	64.4	64.5	64.5	64.9
1.6	58.5	58.5	58.7	58.7	58.7	59.2	59.4	59.5	59.8
5.0	73.1	73.1	73.3	73.3	73.3	73.9	74.0	74.1	74.4
2.0	81.1	81.1	81.3	81.3	81.3	81.8	81.9	82.0	82.4
2.1	85.2	85.2	86.5	86.5	86.5	87.0	87.1	87.2	87.5
2.7	89.8	89.8	90.0	90.0	90.0	90.5	90.6	90.8	91.1
2.8	92.4	92.4	92.6	92.6	92.6	93.1	93.2	93.3	93.7
3.0	93.1	93.1	93.3	93.3	93.3	93.9	94.0	94.1	94.4
3.4	94.5	94.5	94.7	94.8	94.8	95.4	95.5	95.6	95.9
3.2	95.3	95.3	95.5	95.6	95.6	96.1	96.2	96.3	96.7
5.5	95.5	95.5	95.8	95.9	95.9	96.5	96.6	96.7	97.0
5.5	95.5	95.5	95.8	95.9	95.9	96.5	96.6	96.7	97.0
5.7	95.8	95.8	96.0	96.1	96.1	96.7	96.8	96.9	97.2
6.1	96.2	96.2	96.5	96.5	96.6	97.1	97.2	97.3	97.6
6.8	97.0	97.0	97.2	97.3	97.3	97.8	98.0	98.1	98.4
6.8	97.0	97.0	97.2	97.3	97.3	97.8	98.0	98.1	98.4
6.5	97.0	97.0	97.3	97.4	97.4	98.0	98.1	98.2	98.5
7.2	97.4	97.4	98.1	98.2	98.2	98.8	98.9	99.0	99.5
7.5	97.7	97.7	98.4	98.5	98.5	99.1	99.2	99.4	99.8
7.5	97.7	97.7	98.4	98.5	98.5	99.1	99.2	99.5	100.0
7.5	97.7	97.7	98.4	98.5	98.5	99.1	99.2	99.5	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AF3 WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	25.9	28.4	31.0	32.3	33.9	34.4	35.3	35.6	35.6
GE 20000	28.4	30.7	33.7	35.1	36.7	37.2	38.1	38.4	33.4
GE 18000	23.4	30.7	33.7	35.1	36.7	37.2	38.1	33.4	33.4
GE 15000	28.4	30.7	33.7	35.1	36.7	37.2	38.1	38.4	33.4
GE 14000	29.1	31.5	34.4	35.8	37.4	38.0	38.6	39.1	39.1
GE 12000	30.0	32.5	35.4	36.8	38.4	38.9	39.8	40.1	40.1
GE 10000	32.6	35.3	38.1	39.6	41.2	41.7	42.6	42.9	42.9
GE 9000	32.7	35.4	38.3	39.8	41.4	41.9	42.8	43.1	43.1
GE 8000	36.6	39.6	42.5	44.1	45.9	46.5	47.3	47.6	47.6
GE 7000	38.0	41.1	44.0	45.5	47.4	48.0	48.8	49.1	49.1
GE 6000	38.4	41.9	44.8	46.5	48.3	48.9	49.7	50.0	50.0
GE 5000	41.9	45.1	48.1	49.7	51.5	52.0	52.9	53.2	53.2
GE 4500	48.7	52.4	55.4	57.1	58.9	59.5	61.3	60.6	60.6
GE 4000	54.5	58.5	61.3	63.5	65.6	66.1	67.3	67.6	67.6
GE 3500	60.1	64.3	67.6	63.4	71.5	72.0	73.4	73.8	73.8
GE 3000	64.5	69.3	72.3	74.1	76.6	77.1	78.5	78.8	78.8
GE 2500	68.5	73.0	76.5	78.4	81.2	81.7	83.1	83.4	83.4
GE 2000	72.3	76.5	80.2	82.2	85.3	85.8	87.2	87.5	87.5
GE 1800	72.9	77.4	80.9	82.8	85.9	86.5	87.8	88.2	88.2
GE 1500	74.1	78.9	82.4	84.3	87.5	88.1	89.5	89.8	89.8
GE 1200	74.7	79.6	83.1	85.1	88.4	88.9	90.3	90.3	90.4
GE 1000	75.6	80.5	84.2	86.1	89.6	90.1	91.7	92.2	92.2
GE 900	75.7	80.5	84.4	86.3	89.8	90.3	91.9	92.4	92.4
GE 800	75.7	80.5	84.5	86.5	89.9	90.4	92.0	92.5	92.5
GE 700	76.0	81.0	84.9	86.9	90.3	90.9	92.5	92.9	92.9
GE 600	76.0	81.2	85.2	87.2	91.0	91.5	93.1	93.8	93.8
GE 500	76.2	81.5	85.6	87.6	91.4	91.9	93.5	94.2	94.2
GE 400	76.2	81.5	85.6	87.7	91.5	92.2	93.8	94.4	94.4
GE 300	76.2	81.5	85.6	87.7	91.5	92.2	93.9	94.9	94.9
GE 200	76.2	81.5	85.7	88.0	91.8	92.5	94.2	95.4	95.4
GE 100	76.2	81.5	85.7	88.0	91.9	92.6	94.3	95.5	95.5
GE 000	76.2	81.5	85.7	88.0	91.9	92.6	94.3	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS   930

A   D - 2 - 20

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                 MONTH: MAR   HOURS: 03-05

IN STATUTE MILES

F	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	35.6	35.6	35.9	35.5	36.6	35.7	36.9	37.0	37.1
.1	38.4	33.4	38.7	39.2	39.4	39.5	39.7	39.8	39.9
.1	33.4	33.4	33.7	33.2	39.4	33.5	33.7	33.8	39.9
.1	33.4	33.4	33.7	39.2	39.4	39.5	39.7	39.8	39.9
.3	39.1	39.1	39.5	40.0	40.1	40.2	40.4	40.5	42.6
.2	40.1	40.1	40.4	41.0	41.1	41.2	41.4	41.5	41.6
.5	42.9	42.9	43.2	43.8	43.9	44.0	44.2	44.3	44.4
	43.1	43.1	43.4	44.0	44.1	44.2	44.4	44.5	44.5
.3	47.6	47.5	43.0	43.5	48.6	43.7	48.9	49.0	49.1
.3	49.1	49.1	49.5	50.1	50.2	50.3	50.5	50.6	50.8
.7	50.0	50.0	50.3	51.0	51.1	51.2	51.4	51.5	51.6
.3	53.2	53.2	53.5	54.2	54.3	54.4	54.6	54.7	54.8
1.3	60.6	60.6	61.3	61.6	61.7	61.8	62.0	62.2	62.3
7.3	67.5	67.5	68.0	68.6	68.7	69.8	69.0	59.1	69.2
3.4	73.3	73.3	74.1	74.7	74.8	74.9	75.2	75.3	75.4
.5	78.6	73.8	79.1	79.3	79.9	80.0	80.2	80.3	80.4
3.1	33.4	33.4	33.3	34.4	84.5	84.6	34.3	34.9	35.1
7.2	37.5	37.5	38.0	83.6	88.7	88.9	89.1	39.2	89.4
7.3	38.2	33.2	38.5	89.2	39.4	89.6	39.8	59.9	90.0
3.5	39.3	39.3	90.2	90.9	91.0	91.2	91.4	91.5	91.6
0.3	90.3	90.8	91.2	91.8	91.9	92.2	92.4	92.5	92.6
1.7	92.2	92.2	92.6	93.2	93.3	93.5	93.8	93.9	94.0
1.3	92.4	92.4	92.8	93.4	93.5	93.8	94.0	94.1	94.2
2.0	92.5	92.5	92.9	93.5	93.7	93.9	94.1	94.2	94.3
2.5	92.9	92.9	93.3	94.2	94.3	94.5	34.7	34.8	94.9
3.1	93.8	93.8	94.2	95.1	95.2	95.4	95.6	95.7	95.8
3.5	94.2	94.2	94.6	95.5	95.6	95.8	96.0	96.1	96.2
3.3	34.4	34.4	94.8	95.7	95.8	96.0	96.2	96.3	96.5
3.9	94.9	94.9	95.5	96.5	96.6	96.8	97.0	97.1	97.5
4.2	95.4	95.4	96.0	97.1	97.2	97.4	98.0	98.4	99.4
4.3	95.5	95.5	96.3	97.4	97.5	97.7	98.3	98.8	99.9
4.3	95.5	95.5	96.3	97.4	97.5	97.7	98.3	98.8	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	20.5	22.3	24.7	25.8	27.2	27.4	28.2	28.8	28.9
GE 20000	23.0	25.2	27.6	28.8	30.2	30.5	31.5	32.2	32.3
GE 18000	23.1	25.3	27.7	28.8	30.3	30.5	31.6	32.3	32.4
GE 16000	23.1	25.3	27.7	28.9	30.3	30.5	31.5	32.3	32.4
GE 14000	23.9	26.0	28.5	29.7	31.2	31.5	32.5	33.2	33.3
GE 12000	25.2	27.3	29.9	31.2	32.7	33.0	34.0	34.7	34.8
GE 10000	27.1	29.5	32.0	33.3	34.8	35.2	36.1	36.9	37.0
GE 9000	27.3	29.7	32.3	33.5	35.1	35.4	36.3	37.1	37.2
GE 8000	30.4	32.8	35.9	37.2	38.7	39.0	40.0	40.8	40.9
GE 7000	32.4	34.8	38.1	39.4	40.9	41.2	42.2	42.9	43.0
GE 6000	33.9	36.3	39.5	40.9	42.4	42.7	43.7	44.4	44.5
GE 5000	37.8	40.4	43.8	45.1	46.6	46.9	47.3	48.6	48.7
GE 4500	42.7	45.5	49.1	50.5	52.2	52.5	53.4	54.2	54.3
GE 4000	52.4	55.8	59.5	61.1	63.0	63.3	64.3	65.1	65.2
GE 3500	56.1	59.5	63.3	64.9	66.9	67.2	68.2	69.0	69.1
GE 3000	61.3	65.1	69.6	71.3	73.3	73.7	74.6	75.5	75.6
GE 2500	65.9	69.7	74.4	76.2	78.3	78.6	79.6	80.5	80.6
GE 2000	69.2	73.1	78.0	79.9	82.0	82.5	83.4	84.4	84.5
GE 1800	70.2	74.1	78.9	81.0	83.2	83.7	84.6	85.6	85.7
GE 1500	72.2	76.2	81.1	83.2	85.5	85.9	86.9	87.8	88.0
GE 1200	72.9	77.1	82.0	84.2	86.5	86.9	87.8	88.8	88.9
GE 1000	73.3	77.7	82.7	85.1	87.4	87.8	88.8	89.8	89.9
GE 900	73.5	78.0	82.9	85.3	87.6	88.1	89.0	90.0	90.1
GE 900	73.8	78.2	83.2	85.6	88.0	88.4	89.4	90.3	90.4
GE 700	74.0	78.4	83.4	85.8	88.3	88.7	89.7	90.8	90.9
GE 600	74.1	78.7	83.8	86.1	88.6	89.1	90.2	91.4	91.5
GE 500	74.2	78.8	83.9	86.2	88.8	89.5	90.5	91.7	91.8
GE 400	74.3	78.9	84.1	86.5	89.1	89.3	91.2	92.7	92.8
GE 300	74.3	78.9	84.1	86.6	89.4	90.1	91.5	93.0	93.1
GE 200	74.3	78.9	84.1	86.6	89.4	90.1	91.5	93.0	93.2
GE 100	74.3	78.9	84.1	86.6	89.4	90.1	91.5	93.0	93.2
GE 000	74.3	78.9	84.1	86.6	89.4	90.1	91.5	93.0	93.2

TOTAL NUMBER OF OBSERVATIONS 930

8

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WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 86
                   MONTH: MAR   HOURS: 06-08

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
24.2	23.8	24.4	24.4	29.0	29.0	29.2	29.4	29.5	29.9
31.5	32.2	32.3	32.3	32.5	32.5	32.7	32.3	32.9	33.3
31.6	32.3	32.4	32.4	32.7	32.7	32.9	33.0	33.1	33.5
31.5	32.3	32.4	32.4	32.7	32.7	32.9	33.0	33.1	33.5
32.5	33.2	33.3	33.3	33.8	33.8	34.0	34.1	34.3	34.7
34.0	34.7	34.8	34.8	35.3	35.3	35.5	35.6	35.8	36.2
35.1	36.9	37.0	37.0	37.4	37.4	37.6	37.7	38.0	38.4
36.3	37.1	37.2	37.2	37.6	37.6	37.8	38.0	38.2	38.6
40.0	40.8	40.9	41.0	41.4	41.4	41.5	41.7	41.9	42.4
42.2	42.9	43.0	43.1	43.5	43.5	43.8	43.9	44.1	44.5
43.7	44.4	44.5	44.6	45.1	45.1	45.3	45.4	45.6	46.0
47.3	48.6	48.7	48.8	49.2	49.2	49.5	49.6	49.8	50.2
54.1	54.2	54.3	54.4	54.8	54.8	55.1	55.2	55.4	55.8
64.3	65.1	65.2	65.3	65.7	65.7	65.9	66.0	66.2	66.7
68.2	69.0	69.1	69.2	69.7	69.7	69.9	70.0	70.2	70.6
74.6	75.5	75.6	75.7	76.1	76.1	76.3	76.5	76.8	77.2
77.6	80.5	80.5	80.8	81.3	81.3	81.5	81.6	81.9	82.4
83.4	84.4	84.5	84.6	85.2	85.2	85.4	85.5	85.8	86.2
84.6	85.6	85.7	85.8	86.3	86.3	86.6	86.7	87.0	87.4
86.7	87.8	88.0	88.1	88.6	88.6	88.8	88.9	89.2	89.7
87.3	88.8	88.9	89.0	89.5	89.6	89.8	89.9	90.2	90.6
88.8	89.8	89.9	90.0	90.5	90.5	90.8	90.9	91.2	91.6
89.0	90.0	90.1	90.2	90.8	90.8	91.0	91.1	91.4	91.8
89.4	90.3	90.4	90.5	91.1	91.1	91.3	91.4	91.7	92.2
89.7	90.8	90.9	91.0	91.5	91.5	91.7	91.8	92.2	92.6
90.2	91.4	91.5	91.6	92.2	92.2	92.4	92.5	92.8	93.2
90.5	91.7	91.8	91.9	92.5	92.5	92.7	92.8	93.1	93.5
91.2	92.7	92.8	93.0	93.7	93.7	94.0	94.1	94.4	94.9
91.5	93.0	93.1	93.4	94.2	94.2	94.6	94.7	95.1	96.0
91.5	93.0	93.2	93.5	94.4	94.4	95.2	95.4	95.9	98.3
91.5	93.0	93.2	93.5	94.5	94.5	95.4	95.9	96.6	99.7
91.5	93.0	93.2	93.5	94.5	94.5	95.4	95.9	96.6	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	25.3	25.9	26.6	27.2	28.0	28.1	28.2	28.2	28.2
GE 20000	29.4	30.0	30.9	31.5	32.5	32.6	32.7	32.7	32.7
GE 18000	29.5	30.1	31.0	31.7	32.6	32.7	32.8	32.8	32.8
GE 16000	29.6	30.4	31.3	32.0	32.9	33.0	33.1	33.1	33.1
GE 14000	31.0	31.6	32.7	33.4	34.5	34.6	34.7	34.8	34.6
GE 12000	32.4	33.1	34.2	34.9	36.0	36.1	36.2	36.3	36.3
GE 10000	34.8	35.5	36.7	37.5	38.6	38.7	38.8	38.9	38.9
GE 9000	34.9	35.7	36.8	37.5	38.8	38.9	39.0	39.1	39.1
GE 8000	39.4	40.1	41.2	42.0	43.3	43.4	43.5	43.7	43.7
GE 7000	41.1	41.8	43.0	43.9	45.2	45.3	45.4	45.5	45.5
GE 6000	43.0	43.8	44.9	45.8	47.1	47.2	47.3	47.4	47.4
GE 5000	46.2	47.0	48.3	49.2	50.8	51.0	51.1	51.2	51.2
GE 4500	48.1	50.5	51.8	52.8	54.3	54.5	54.6	54.7	54.7
GE 4000	57.2	58.5	59.9	60.9	62.4	62.7	62.8	62.9	62.9
GE 3500	62.2	63.8	65.3	66.6	68.2	68.6	68.7	68.8	68.8
GE 3000	69.5	71.2	73.9	75.2	77.2	77.6	77.7	77.8	77.8
GE 2500	73.4	75.4	78.4	79.7	81.9	82.4	82.5	82.5	82.5
GE 2000	75.3	78.2	82.4	83.7	85.9	86.6	86.7	86.8	86.8
GE 1800	77.5	79.9	83.2	84.6	86.9	87.5	87.6	87.7	87.7
GE 1500	79.6	82.0	85.5	87.0	89.5	90.1	90.2	90.3	90.3
GE 1200	80.4	83.0	86.7	88.2	90.8	91.4	91.5	91.6	91.6
GE 1000	81.9	84.5	88.5	90.1	93.1	94.0	94.1	94.4	94.4
GE 900	82.2	84.5	88.6	90.2	93.2	94.1	94.2	94.5	94.5
GE 800	82.3	84.9	89.0	90.6	93.7	94.6	94.7	95.1	95.1
GE 700	82.3	84.9	89.1	90.3	93.8	94.7	94.8	95.2	95.2
GE 600	82.3	84.9	89.1	90.8	93.9	94.9	95.1	95.6	95.6
GE 500	82.3	84.9	89.2	90.9	94.0	95.3	95.7	96.3	96.3
GE 400	82.3	84.9	89.2	90.9	94.0	95.3	95.7	96.5	96.5
GE 300	82.3	84.9	89.2	90.9	94.0	95.4	95.8	96.6	96.7
GE 200	82.3	84.9	89.2	90.9	94.0	95.4	95.8	96.6	96.7
GE 100	82.3	84.9	89.2	90.9	94.0	95.4	95.8	96.6	96.7
GE 000	82.3	84.9	89.2	90.9	94.0	95.4	95.8	96.6	96.7

TOTAL NUMBER OF OBSERVATIONS   930

β

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                             MONTH: MAR   HOURS: 09-11

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
28.2	28.2	28.2	28.2	28.2	28.2	28.4	28.4	28.4	28.5
32.7	32.7	32.7	32.7	32.7	32.7	32.9	32.9	32.9	33.0
32.5	32.8	32.5	32.8	32.8	32.8	33.0	33.0	33.0	33.1
33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.3	33.3	33.4
34.7	34.8	34.8	34.8	34.8	34.8	35.1	35.1	35.1	35.2
36.2	36.3	36.3	36.4	36.5	36.6	36.8	36.8	36.8	36.9
38.8	38.9	38.9	39.1	39.1	39.1	39.4	39.5	39.5	39.6
39.0	39.1	39.1	39.4	39.4	39.4	39.6	39.7	39.7	39.8
43.5	43.7	43.7	43.9	43.9	43.9	44.1	44.2	44.2	44.3
45.4	45.5	45.5	45.7	45.7	45.7	45.9	46.0	46.0	46.1
47.3	47.4	47.4	47.5	47.5	47.6	47.8	48.0	48.0	48.1
51.1	51.2	51.2	51.4	51.4	51.4	51.5	51.7	51.7	51.8
54.5	54.7	54.7	54.9	54.9	54.9	55.2	55.3	55.3	55.4
62.5	62.9	62.9	63.1	63.2	63.2	63.4	63.5	63.5	63.7
62.7	63.3	63.3	63.0	63.1	69.1	69.4	69.5	69.5	69.6
77.7	77.8	77.8	78.1	78.2	78.2	78.4	78.5	78.5	78.6
82.5	82.6	82.5	82.3	82.7	82.9	83.1	83.2	83.2	83.3
86.7	86.5	86.5	87.0	87.1	87.1	87.3	87.4	87.4	87.5
87.5	87.7	87.7	88.0	88.1	88.1	88.3	88.4	88.4	88.5
90.2	90.3	90.3	90.5	90.6	90.6	90.9	91.0	91.0	91.1
91.5	91.6	91.6	91.8	91.9	91.9	92.2	92.3	92.3	92.4
94.1	94.4	94.4	94.7	94.8	94.8	95.1	95.2	95.2	95.3
94.2	94.5	94.5	94.8	94.9	94.9	95.2	95.3	95.3	95.4
94.7	95.1	95.1	95.4	95.5	95.5	95.7	95.8	95.8	95.9
94.8	95.2	95.2	95.5	95.6	95.6	95.8	95.9	95.9	96.0
95.1	95.6	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.5
96.7	96.3	96.3	96.8	97.0	97.0	97.2	97.3	97.3	97.5
96.7	96.5	96.5	97.0	97.2	97.2	97.4	97.5	97.5	97.7
96.3	96.6	96.7	97.3	97.5	97.6	98.0	98.1	98.1	98.5
96.3	96.5	96.7	97.5	98.0	98.1	98.5	98.8	98.9	99.6
96.3	96.6	96.7	97.5	98.0	98.1	98.5	98.8	99.1	100.0
96.8	96.6	96.7	97.5	98.0	98.1	98.5	98.8	99.1	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	27.5	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 20000	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 16000	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 15000	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 14000	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 12000	37.7	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 10000	39.4	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 9000	40.1	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 8000	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 7000	45.3	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 6000	47.3	47.5	47.5	47.5	47.6	47.5	47.5	47.6	47.6
GE 5000	51.5	51.8	52.3	52.4	52.5	52.5	52.5	52.5	52.5
GE 4500	55.1	55.7	56.1	56.3	56.5	56.5	56.5	56.5	56.5
GE 4000	51.7	52.4	52.8	53.0	63.2	53.2	63.2	63.2	63.2
GE 3500	71.3	72.6	73.3	73.7	73.9	73.9	73.9	73.9	73.9
GE 3000	81.5	82.5	83.7	84.2	84.6	84.6	84.7	84.7	84.7
GE 2500	84.2	85.3	86.9	87.4	88.1	88.1	88.2	88.2	88.2
GE 2000	88.7	89.9	91.3	92.5	93.1	93.1	93.2	93.2	93.2
GE 1800	89.2	90.4	92.5	93.1	93.8	93.8	93.9	93.9	93.9
GE 1500	90.3	92.2	94.3	95.1	95.7	95.8	96.0	96.0	96.0
GE 1200	92.2	93.5	95.7	96.6	97.2	97.3	97.5	97.5	97.5
GE 1000	92.3	94.2	96.3	97.3	98.3	98.4	99.0	99.0	99.0
GE 900	92.3	94.2	96.3	97.3	98.3	98.5	99.1	99.1	99.1
GE 800	92.8	94.2	96.5	97.4	98.4	98.5	99.2	99.2	99.2
GE 700	92.3	94.3	96.6	97.5	98.5	98.7	99.4	99.4	99.4
GE 600	92.9	94.3	96.6	97.5	98.5	98.7	99.4	99.4	99.4
GE 500	93.0	94.4	96.7	97.6	98.8	99.0	99.8	99.9	99.9
GE 400	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0
GE 300	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0
GE 200	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0
GE 100	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0
GE 000	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   930

A

SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                  MONTH: MAR. HOURS: 12-14

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.5	27.3	27.3	27.3	27.8	27.9	27.9	27.9	27.8	27.3
.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
.5	35.5	35.5	35.5	35.5	35.6	35.5	35.5	35.6	35.5
.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
.6	55.6	55.6	55.6	56.6	56.6	55.6	56.6	56.6	55.6
.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

D - 2 - 23   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
                           LST TO UTC: + 8   MO

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 20000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 18000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 16000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 12000	41.5	41.5	41.5	41.5	41.6	41.5	41.5	41.5	41.5
GE 10000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 8000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 7000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 6000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 5000	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
GE 4500	63.0	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5
GE 4000	68.9	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7
GE 3500	73.1	78.3	79.0	79.2	79.4	79.4	79.4	79.4	79.4
GE 3000	96.7	87.8	88.2	88.4	88.5	88.5	88.5	88.5	88.5
GE 2500	89.8	91.1	91.5	92.0	92.2	92.2	92.3	92.3	92.3
GE 2000	92.0	93.3	94.0	94.5	94.7	94.7	94.8	94.8	94.8
GE 1800	92.3	93.8	94.4	94.9	95.3	95.3	95.4	95.4	95.4
GE 1500	93.1	94.6	95.4	96.1	95.7	96.8	96.9	96.9	96.9
GE 1200	93.9	95.4	96.1	97.2	97.7	97.8	98.0	98.0	98.0
GE 1000	93.9	95.4	96.1	97.2	98.1	98.2	98.6	98.8	98.8
GE 900	94.0	95.5	96.3	97.4	98.3	98.4	98.8	99.1	99.1
GE 800	94.0	95.5	96.3	97.4	98.3	98.4	98.8	99.1	99.1
GE 700	94.0	95.5	96.3	97.4	98.4	98.5	98.9	99.2	99.2
GE 600	94.0	95.5	96.3	97.4	98.4	98.5	98.9	99.2	99.2
GE 500	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6
GE 400	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6
GE 300	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6
GE 200	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6
GE 100	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6
GE 000	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS   930

LMINGTON		PERIOD OF RECORD: JUN 73 - MAY 84							
		MONTH: MAR HOURS: 15-17							

IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
4.7	29.9	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9
5.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	36.7	35.7
2.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
7.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
3.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
1.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
4.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
5.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
1.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
3.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
5.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
0.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
4.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
7.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
3.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
7.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
4.3	94.5	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1
5.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
6.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
8.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
8.5	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
8.3	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
8.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
8.9	99.2	99.2	99.6	99.6	99.6	99.6	99.5	99.5	99.6
8.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
9.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	35.2	34.3	35.3	36.3	36.3	36.3	35.3	36.3	36.3
GE 20000	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 19000	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 16000	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.7
GE 14000	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 12000	45.7	45.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 9000	52.3	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 8000	55.5	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
GE 7000	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 6000	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	65.1	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7
GE 4500	62.7	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5
GE 4000	74.3	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3
GE 3500	81.7	82.5	82.7	82.8	83.0	83.0	83.0	83.0	83.0
GE 3000	85.5	87.5	88.0	88.7	89.0	89.0	89.0	89.0	89.0
GE 2500	89.0	90.4	91.3	92.4	92.9	93.0	93.1	93.1	93.1
GE 2000	91.5	92.9	93.3	94.8	95.4	95.5	95.5	95.5	92.5
GE 1900	91.9	93.4	94.3	95.4	95.9	95.0	95.1	95.1	95.1
GE 1500	92.3	94.7	95.9	97.0	97.8	98.0	98.1	98.1	98.1
GE 1200	93.0	94.8	96.1	97.3	98.3	98.4	98.5	98.5	98.5
GE 1000	93.1	94.9	95.5	97.5	98.7	98.8	98.9	99.0	99.0
GE 900	93.1	94.9	95.5	97.5	98.7	98.8	98.9	99.0	99.0
GE 800	93.1	94.9	95.5	97.6	98.7	98.8	98.9	99.0	99.0
GE 700	93.1	95.1	96.5	97.7	98.8	99.0	99.2	99.4	99.4
GE 600	93.1	95.1	96.5	97.7	98.9	99.0	99.2	99.4	99.4
GE 500	93.1	95.1	96.5	97.7	98.9	99.0	99.2	99.5	99.5
GE 400	93.1	95.1	96.5	97.7	98.9	99.0	99.2	99.5	99.5
GE 300	93.1	95.1	96.5	97.7	98.9	99.1	99.5	99.7	99.7
GE 200	93.1	95.1	96.5	97.7	98.9	99.1	99.5	99.7	99.7
GE 100	93.1	95.1	96.6	97.7	98.9	99.1	99.5	99.7	99.7
GE 000	93.1	95.1	96.5	97.7	98.9	99.1	99.5	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS   930

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WASHINGTON		PERIOD OF RECORD: JUN 73 - MAY 83
		MONTH: MAR HOURS: 18-20

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IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	35.	36.3
..	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
.2	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
1.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
1.2	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
1.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
1.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
1.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
1.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
1.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
3.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
3.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
3.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
3.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
3.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
3.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
3.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
3.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742051)   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET						VISIBILITY IN STATUTE MILES			
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	40.7	41.5	41.9	42.3	42.4	42.4	42.5	42.5	42.5
GE 20000	42.7	43.3	43.3	44.1	44.2	44.2	44.3	44.3	44.3
GE 18000	43.7	44.3	44.7	45.1	45.2	45.2	45.3	45.3	45.3
GE 16000	43.7	44.3	44.7	45.1	45.2	45.2	45.3	45.3	45.3
GE 14000	44.5	45.3	45.7	45.0	46.1	46.1	46.2	46.2	46.2
GE 12000	45.8	46.5	46.9	47.2	47.3	47.3	47.4	47.4	47.4
GE 10000	50.4	51.1	51.5	51.8	51.9	51.9	52.0	52.0	52.0
GE 9000	51.1	51.7	52.2	52.5	52.5	52.5	52.7	52.7	52.7
GE 8000	57.1	57.8	58.3	58.6	58.8	58.8	59.0	59.0	59.0
GE 7000	59.8	60.5	61.2	61.5	61.7	61.7	61.9	61.9	61.9
GE 6000	62.0	62.9	63.4	63.6	64.0	64.0	64.2	64.2	64.2
GE 5000	66.2	67.0	67.6	68.0	68.2	68.2	68.4	68.4	68.4
GE 4500	69.5	70.3	71.0	71.3	71.5	71.5	71.7	71.7	71.7
GE 4000	74.1	75.1	75.7	76.0	76.2	76.2	76.5	76.5	76.5
GE 3500	81.2	82.2	82.9	83.2	83.4	83.4	83.7	83.7	83.7
GE 3000	85.1	87.3	88.5	89.2	89.6	89.6	89.8	89.8	89.8
GE 2500	88.5	89.9	91.1	91.3	92.4	92.4	92.6	92.6	92.6
GE 2000	90.3	92.3	93.5	94.5	95.1	95.1	95.3	95.3	95.3
GE 1800	91.2	92.7	94.3	95.3	95.8	95.8	96.0	96.0	96.0
GE 1500	91.8	93.4	95.4	96.3	96.9	96.9	97.2	97.2	97.2
GE 1200	92.4	94.0	95.9	96.9	97.4	97.4	97.7	97.7	97.7
GE 1000	92.5	94.2	96.2	97.4	98.0	98.0	98.3	98.3	98.3
GE 900	92.5	94.2	96.2	97.4	98.0	98.0	98.3	98.3	98.3
GE 800	92.5	94.3	96.5	97.5	98.2	98.2	98.5	98.5	98.5
GE 700	92.5	94.3	96.5	97.6	98.2	98.2	98.6	98.5	98.5
GE 600	92.5	94.3	96.5	97.6	98.2	98.2	98.8	98.8	98.8
GE 500	92.5	94.3	96.7	98.0	98.6	98.6	99.2	99.2	99.2
GE 400	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.2	99.2
GE 300	92.5	94.3	96.7	98.0	98.6	98.6	99.2	99.4	99.4
GE 200	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.4	99.4
GE 100	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.4	99.4
GE 000	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS   930

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ASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 98
                  MONTH: MAR   HOURS: 21-23

IN STATUTE MILES

OF 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
2.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
4.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
5.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
5.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
5.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
7.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
2.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
2.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
9.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
1.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
4.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
8.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
6.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
3.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
9.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
2.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
5.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
6.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
7.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
7.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
8.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
8.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
8.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
8.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
8.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
9.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
9.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
9.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
9.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
9.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
9.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1-1/2	GE 1 1/4
NO CEIL	30.0	31.0	31.9	32.5	33.1	33.3	33.5	33.7	33.7
GE 20000	33.7	34.9	35.0	35.5	37.2	37.4	37.7	37.4	37.8
GE 18000	34.4	35.4	36.5	37.0	37.7	37.8	38.2	38.3	38.3
GE 16000	34.5	35.5	36.6	37.2	37.8	38.0	38.3	38.4	38.4
GE 14000	35.5	36.5	37.6	38.2	39.0	39.1	39.4	39.5	39.5
GE 12000	37.0	38.0	39.2	39.8	40.5	40.6	40.9	41.1	41.1
GE 10000	40.2	41.3	42.4	43.0	43.8	43.9	44.2	44.4	44.4
GE 9000	40.5	41.5	42.7	43.3	44.1	44.2	44.5	44.7	44.7
GE 8000	45.1	45.3	47.5	48.3	49.1	49.2	49.5	49.7	49.7
GE 7000	47.1	48.3	49.7	50.3	51.2	51.3	51.6	51.8	51.8
GE 6000	48.8	50.0	51.4	52.0	52.9	53.0	53.3	53.5	53.5
GE 5000	52.7	54.3	55.7	56.4	57.3	57.5	57.8	57.9	57.9
GE 4500	57.0	58.5	60.1	60.8	61.8	61.8	62.3	62.4	62.4
GE 4000	63.3	65.1	66.7	67.5	68.5	68.7	69.0	69.2	69.2
GE 3500	70.2	72.2	73.9	74.8	75.8	76.0	76.4	76.6	76.6
GE 3000	76.5	78.6	80.3	81.8	83.1	83.2	83.6	83.8	83.8
GE 2500	79.6	82.1	84.5	85.6	87.0	87.2	87.6	87.8	87.8
GE 2000	82.3	85.2	87.7	88.8	90.4	90.6	91.1	91.3	91.3
GE 1800	83.3	86.8	88.4	89.6	91.2	91.4	91.8	92.0	92.0
GE 1500	84.6	87.2	90.0	91.3	92.9	93.2	93.6	93.8	93.8
GE 1200	85.3	88.0	90.8	92.2	93.9	94.1	94.6	94.8	94.8
GE 1000	85.8	88.5	91.5	92.9	94.8	95.1	95.6	95.9	95.9
GE 900	85.9	88.5	91.5	93.0	94.9	95.2	95.7	96.0	96.0
GE 800	85.9	88.7	91.7	93.2	95.0	95.3	95.9	96.2	96.2
GE 700	86.0	88.8	91.9	93.4	95.2	95.6	96.2	96.5	96.5
GE 600	86.1	88.9	92.0	93.5	95.4	95.8	96.4	96.8	96.8
GE 500	86.1	88.9	92.1	93.6	95.6	96.0	96.7	97.2	97.2
GE 400	86.1	89.0	92.1	93.7	95.7	96.1	96.9	97.4	97.4
GE 300	86.1	89.0	92.1	93.7	95.7	96.2	97.0	97.6	97.6
GE 200	86.1	89.0	92.2	93.7	95.8	96.3	97.1	97.7	97.7
GE 100	86.1	89.0	92.2	93.7	95.8	96.3	97.1	97.7	97.7
GE 000	86.1	89.0	92.2	93.7	95.8	96.3	97.1	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 7440

B

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                       MONTH: MAR HOURS: ALL

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	33.7	33.7	33.7	33.8	33.8	34.0	34.0	34.0	34.2
7	37.4	37.8	37.8	38.0	38.0	38.1	38.2	38.2	38.3
2	38.3	38.3	38.4	38.5	38.5	38.6	38.7	38.7	38.8
3	38.4	38.4	38.5	38.6	38.6	38.7	38.8	38.8	38.9
4	39.5	39.5	39.6	39.7	39.8	39.9	39.9	40.0	40.1
9	41.1	41.1	41.2	41.3	41.3	41.5	41.5	41.5	41.7
2	44.4	44.4	44.5	44.5	44.6	44.7	44.8	44.8	45.0
5	44.7	44.7	44.8	44.9	44.8	45.0	45.1	45.1	45.3
5	49.7	49.7	49.8	49.9	49.9	50.1	50.1	50.2	50.3
5	51.8	51.8	51.8	52.0	52.0	52.2	52.2	52.3	52.4
3	53.5	53.5	53.5	53.8	53.8	53.9	54.0	54.0	54.1
9	57.9	57.9	58.1	58.2	58.2	58.3	58.4	58.5	58.6
3	62.4	62.4	62.5	62.7	62.7	62.8	62.9	62.9	63.1
0	69.2	69.2	69.3	69.4	69.5	69.6	69.7	69.7	69.8
4	76.6	76.6	76.7	76.9	76.9	77.0	77.1	77.1	77.2
5	83.8	83.8	84.0	84.1	84.1	84.3	84.3	84.4	84.5
6	87.8	87.8	88.0	88.1	88.1	88.3	88.3	88.4	88.5
1	91.3	91.3	91.4	91.6	91.6	91.7	91.8	91.9	92.0
5	92.0	92.0	92.2	92.3	92.4	92.5	92.6	92.6	92.8
.5	93.8	93.8	94.0	94.2	94.2	94.4	94.4	94.5	94.6
.5	94.8	94.8	94.9	95.1	95.1	95.3	95.4	95.4	95.6
.5	95.9	95.9	96.1	96.3	96.3	96.4	96.5	96.6	96.7
.7	96.0	96.0	96.2	96.4	96.4	96.5	96.6	96.7	96.8
.9	96.2	96.2	96.4	96.6	96.6	96.7	96.8	96.9	97.0
.2	96.5	96.5	96.7	96.9	96.9	97.1	97.1	97.2	97.3
.4	96.8	96.8	97.1	97.3	97.3	97.4	97.5	97.6	97.7
.7	97.2	97.2	97.4	97.7	97.7	97.8	97.9	98.0	98.1
.3	97.4	97.4	97.5	97.9	97.9	98.1	98.1	98.2	98.3
.0	97.6	97.6	98.0	98.3	98.3	98.5	98.6	98.7	98.9
.1	97.7	97.7	98.2	98.5	98.5	98.8	98.9	99.1	99.6
.1	97.7	97.7	98.2	98.5	98.6	98.8	99.0	99.2	99.9
.1	97.7	97.7	98.2	98.5	98.6	98.8	99.0	99.2	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PF
LST TO UTC: + 8   MC

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	46.1	47.2	47.6	48.0	48.0	48.0	48.0	48.1	48.1
GE 20000	49.0	50.1	50.8	51.0	51.1	51.1	51.1	51.2	51.2
GE 18000	49.0	50.1	50.8	51.0	51.1	51.1	51.1	51.2	51.2
GE 16000	49.0	50.1	50.8	51.0	51.1	51.1	51.1	51.2	51.2
GE 14000	49.3	50.4	51.1	51.3	51.4	51.4	51.4	51.5	51.5
GE 12000	50.8	51.9	52.6	52.8	52.9	52.9	52.9	53.0	53.0
GE 10000	56.3	57.9	58.6	58.8	58.9	58.9	58.9	59.0	59.0
GE 9000	57.3	58.4	59.1	59.3	59.4	59.4	59.4	59.5	59.5
GE 8000	52.1	53.3	54.0	54.2	64.3	54.3	54.3	54.4	54.4
GE 7000	53.7	54.9	55.5	55.8	55.9	55.9	55.9	56.0	56.0
GE 6000	55.3	56.5	57.2	57.4	57.6	57.6	57.6	57.7	57.7
GE 5000	58.6	57.9	70.8	71.0	71.1	71.1	71.1	71.2	71.2
GE 4500	71.3	73.1	74.0	74.2	74.3	74.3	74.3	74.4	74.4
GE 4000	76.9	78.7	79.9	80.2	80.3	80.3	80.3	80.4	80.4
GE 3500	80.8	82.7	84.1	84.5	84.7	84.7	84.7	84.8	84.8
GE 3000	85.8	87.9	89.4	89.9	90.0	90.0	90.0	90.1	90.1
GE 2500	88.2	90.1	91.3	92.7	92.8	92.8	92.8	92.9	92.9
GE 2000	89.7	91.5	93.6	94.5	94.7	94.7	94.7	94.8	94.8
GE 1800	90.3	92.4	94.2	95.2	95.3	95.3	95.3	95.4	95.4
GE 1500	92.2	94.4	96.2	97.3	97.4	97.4	97.4	97.5	97.5
GE 1200	93.0	95.2	97.0	98.1	98.2	98.2	98.2	98.3	98.3
GE 1000	93.2	95.4	97.2	98.3	98.6	98.6	98.6	98.7	98.7
GE 900	93.2	95.4	97.2	98.3	98.5	98.6	98.6	98.7	98.7
GE 800	93.3	95.5	97.3	98.4	98.7	98.7	98.7	98.8	98.8
GE 700	93.4	95.7	97.4	98.6	98.8	98.8	98.8	98.9	98.9
GE 600	93.4	95.7	97.4	98.7	98.9	98.9	98.9	99.0	99.0
GE 500	93.4	95.7	97.4	98.8	99.1	99.1	99.1	99.2	99.2
GE 400	93.5	95.8	97.5	98.8	99.2	99.2	99.2	99.3	99.3
GE 300	93.5	95.8	97.6	98.9	99.2	99.2	99.2	99.3	99.3
GE 200	93.7	95.9	97.7	99.1	99.4	99.4	99.4	99.6	99.6
GE 100	93.7	95.9	97.7	99.1	99.4	99.4	99.4	99.6	99.6
GE 000	93.7	95.9	97.7	99.1	99.4	99.4	99.4	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS   900

A   0 - 2 - 28

FREQ OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
        MONTH: APR   HOURS: 00-02

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IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0

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8.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
1.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
2.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
8.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
1.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
4.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
5.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
7.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
4.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
7.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
4.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
0.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
2.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
4.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
5.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
7.4	97.5	97.5	97.5	97.5	97.5	97.6	97.5	97.5	97.5
8.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
5.5	98.7	98.7	98.7	98.7	98.7	98.7	73.7	98.7	98.7
8.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
8.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
8.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
8.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
7.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
9.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0
9.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	34.2	35.4	37.5	38.1	38.3	38.4	38.8	38.9	38.9
GE 20000	38.9	40.1	42.2	42.9	43.2	43.3	43.7	43.8	43.8
GE 18000	39.1	40.3	42.4	43.0	43.4	43.5	43.9	44.0	44.0
GE 16000	39.1	40.3	42.4	43.0	43.4	43.5	43.7	44.0	44.0
GE 14000	39.7	40.9	43.0	43.5	44.0	44.1	44.4	44.6	44.6
GE 12000	40.1	41.4	43.6	44.1	44.6	44.7	45.0	45.1	45.1
GE 10000	44.7	46.0	48.1	48.7	49.1	49.2	49.6	49.7	49.7
GE 9000	44.9	46.2	48.3	48.9	49.3	49.4	49.8	49.9	49.9
GE 8000	50.2	52.0	54.1	54.7	55.1	55.2	55.6	55.7	55.7
GE 7000	52.2	54.1	56.3	56.8	57.3	57.4	57.8	57.9	57.9
GE 6000	53.2	55.1	57.3	58.0	58.4	58.6	58.9	59.0	59.0
GE 5000	57.6	59.5	61.7	62.6	63.3	63.4	63.8	63.9	63.9
GE 4500	61.5	63.5	65.0	66.3	67.5	67.7	68.0	68.1	68.1
GE 4000	66.2	68.7	71.1	71.9	72.7	72.8	73.1	73.2	73.2
GE 3500	71.0	73.4	75.9	76.7	77.4	77.5	77.9	78.0	78.0
GE 3000	75.9	79.7	82.2	83.3	84.1	84.2	84.7	84.8	84.8
GE 2500	79.7	82.5	85.1	86.7	87.4	87.6	88.1	88.2	88.2
GE 2000	82.4	85.4	88.2	89.9	90.9	91.0	91.6	91.7	91.7
GE 1800	83.3	86.3	89.1	90.8	91.8	91.9	92.4	92.5	92.5
GE 1500	85.4	88.4	91.2	93.0	94.0	94.1	94.7	94.8	94.8
GE 1200	86.0	89.0	91.8	93.6	94.6	94.7	95.2	95.3	95.3
GE 1000	86.9	89.9	92.8	94.6	95.6	95.7	96.3	96.4	96.4
GE 900	87.0	90.0	92.9	94.7	95.7	95.8	96.4	96.5	96.5
GE 800	87.1	90.1	93.0	94.8	95.8	95.9	96.5	96.7	96.7
GE 700	87.2	90.2	93.1	94.9	95.9	96.0	96.7	96.8	96.8
GE 600	87.2	90.2	93.1	94.9	95.9	96.0	96.7	96.8	96.8
GE 500	87.2	90.2	93.1	95.0	96.0	96.1	96.8	96.9	96.9
GE 400	87.3	90.4	93.3	95.2	96.2	96.4	97.1	97.2	97.2
GE 300	87.7	90.9	93.8	95.8	96.8	97.0	97.7	97.8	97.8
GE 200	87.7	90.9	93.8	95.8	96.8	97.1	97.8	97.9	97.9
GE 100	87.7	90.9	93.8	95.8	96.8	97.1	97.8	97.9	97.9
GE 000	87.7	90.9	93.8	95.8	96.8	97.1	97.8	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS   900

FENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON   PERIOD OF RECORD: JUN 74 - MAY 83
                   MONTH: APR   HOURS: 03-05

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IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5.4	38.9	38.9	39.1	39.2	39.2	39.3	39.4	39.4	39.4
3.7	43.8	43.8	44.0	44.1	44.1	44.2	44.3	44.3	44.3
3.9	44.0	44.0	44.2	44.3	44.3	44.4	44.5	44.6	44.6
3.9	44.0	44.0	44.2	44.3	44.3	44.4	44.6	44.6	44.6
4.4	44.6	44.6	44.8	44.9	44.9	45.0	45.1	45.1	45.1
5.0	45.1	45.1	45.3	45.4	45.4	45.6	45.7	45.7	45.7
9.6	49.7	49.7	49.9	50.0	50.0	50.1	50.2	50.2	50.2
4.8	49.9	49.9	50.1	50.2	50.2	50.3	50.4	50.4	50.4
5.5	55.7	55.7	55.9	56.0	56.0	56.1	56.2	56.2	56.2
7.6	57.9	57.9	58.1	58.2	58.2	58.3	58.4	58.4	58.4
3.9	59.0	59.0	59.2	59.3	59.3	59.4	59.6	59.6	59.6
3.8	63.9	63.9	64.1	64.2	64.2	64.3	64.4	64.4	64.4
3.0	68.1	68.1	68.3	68.4	68.4	68.6	68.7	68.7	68.7
3.1	73.2	73.2	73.4	73.5	73.6	73.7	74.1	74.1	74.1
7.9	78.0	78.0	78.2	78.3	78.3	78.4	78.9	78.9	78.9
4.7	84.8	84.8	85.0	85.1	85.1	85.2	85.7	85.7	85.7
9.1	88.2	88.2	88.4	88.5	88.6	88.7	89.1	89.1	89.1
1.6	91.7	91.7	91.8	92.0	92.0	92.1	92.6	92.6	92.6
2.4	92.5	92.5	92.8	92.9	92.9	93.0	93.4	93.4	93.4
4.7	94.8	94.8	95.0	95.1	95.1	95.2	95.7	95.7	95.7
5.2	95.3	95.3	95.6	95.7	95.7	95.8	96.2	96.2	96.2
6.3	96.4	96.4	96.7	96.8	96.8	96.9	97.3	97.3	97.3
6.4	96.5	96.5	96.8	96.9	96.9	97.0	97.4	97.4	97.4
6.6	96.7	96.7	96.9	97.0	97.0	97.1	97.5	97.6	97.6
6.7	96.8	96.8	97.0	97.1	97.1	97.2	97.7	97.7	97.7
6.7	96.8	96.8	97.0	97.1	97.1	97.2	97.7	97.7	97.7
6.8	96.9	96.9	97.1	97.2	97.2	97.3	97.8	97.8	97.8
7.1	97.2	97.2	97.4	97.6	97.6	97.7	98.1	98.1	98.1
7.7	97.8	97.8	98.0	98.1	98.1	98.2	98.7	98.7	98.7
7.8	97.9	97.9	98.7	98.8	98.8	98.9	99.4	99.7	99.7
7.8	97.9	97.9	98.7	98.9	98.9	99.1	99.7	99.9	100.0
7.8	97.9	97.9	98.7	98.9	98.9	99.1	99.7	99.9	100.0

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D - 2 - 29   5

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
						VISIBILITY IN STATUTE MILES			
NO CEIL	29.6	30.2	31.2	31.7	32.0	32.1	32.2	32.3	32.3
GE 20000	34.2	36.0	37.1	37.7	38.0	38.1	38.2	38.3	38.3
GE 18000	34.3	36.7	37.8	38.3	38.7	38.8	38.9	39.0	39.0
GE 16000	35.1	36.9	38.0	38.6	38.9	39.0	39.1	39.2	39.2
GE 14000	36.3	38.1	39.3	39.9	40.2	40.3	40.4	40.6	40.6
GE 12000	38.7	40.6	41.8	42.3	42.7	42.8	42.9	43.0	43.0
GE 10000	42.3	44.2	45.2	46.8	47.2	47.3	47.4	47.6	47.6
GE 9000	43.3	45.3	47.2	47.3	48.2	48.3	48.4	48.6	48.6
GE 8000	47.2	51.1	52.5	53.1	53.6	53.7	53.8	53.9	53.9
GE 7000	50.3	52.8	54.2	54.8	55.2	55.3	55.4	55.6	55.6
GE 6000	51.3	53.3	54.3	55.3	55.8	55.9	56.0	56.1	56.1
GE 5000	55.0	58.2	59.3	60.3	60.8	60.9	61.0	61.1	61.1
GE 4500	58.7	52.1	63.3	64.3	64.9	65.0	65.1	65.2	65.2
GE 4000	64.8	67.6	69.2	69.8	70.4	70.5	70.8	70.9	70.9
GE 3500	68.9	71.8	73.4	74.0	74.7	74.8	75.0	75.1	75.1
GE 3000	75.2	78.3	80.1	80.8	81.6	81.7	82.0	82.2	82.2
GE 2500	78.5	82.0	83.8	84.6	85.3	85.4	85.8	86.0	86.0
GE 2000	80.3	84.4	86.4	87.3	88.2	88.3	88.7	88.9	88.9
GE 1800	81.0	84.7	86.7	87.7	88.6	88.7	89.0	89.2	89.2
GE 1500	82.3	86.4	88.4	89.4	90.4	90.6	90.9	91.1	91.1
GE 1200	84.1	87.7	89.9	90.9	92.0	92.1	92.4	92.7	92.7
GE 1000	84.7	88.7	90.8	92.0	93.1	93.2	93.7	93.9	93.9
GE 900	85.0	88.8	90.9	92.1	93.2	93.3	93.8	94.0	94.0
GE 800	85.4	89.3	91.4	92.7	93.8	93.9	94.3	94.6	94.6
GE 700	85.6	89.7	91.8	93.1	94.3	94.4	94.9	95.1	95.1
GE 600	85.9	89.8	91.9	93.2	94.7	94.8	95.3	95.7	95.7
GE 500	86.3	90.2	92.4	93.9	95.3	95.4	95.8	96.9	96.9
GE 400	86.3	90.2	92.4	93.9	95.3	95.4	96.3	96.9	96.9
GE 300	86.3	90.2	92.4	93.9	95.3	95.4	96.3	96.9	96.9
GE 200	86.3	90.2	92.4	93.9	95.4	95.6	96.6	97.1	97.1
GE 100	86.3	90.2	92.4	93.9	95.4	95.6	96.6	97.1	97.1
GE 000	86.3	90.2	92.4	93.9	95.4	95.6	96.6	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS   900

A

| WASHINGTON | | PERIOD OF RECORD: JUN 73 - MAY 88 | | | | | | | |
| | | MONTH: APR   HOURS: 06-08 | | | | | | | |

Y IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
32.2	32.3	32.3	32.4	32.4	32.6	32.8	32.8	33.0	33.1
38.2	38.3	38.3	38.4	38.4	38.6	38.8	38.8	39.0	39.1
38.8	39.0	39.0	39.1	39.1	39.2	39.4	39.4	39.7	39.8
39.1	39.2	39.2	39.3	39.3	39.4	39.7	39.7	39.9	40.0
40.4	40.5	40.6	40.7	40.7	40.8	41.0	41.0	41.2	41.3
42.9	43.0	43.0	43.1	43.1	43.2	43.4	43.4	43.7	43.8
47.4	47.5	47.5	47.7	47.7	47.8	48.0	48.0	48.2	48.3
48.4	48.6	48.6	48.7	48.7	48.8	49.0	49.0	49.2	49.3
53.8	53.9	53.9	54.0	54.0	54.1	54.3	54.3	54.6	54.7
55.4	55.5	55.5	55.7	55.7	55.8	56.0	56.0	56.2	56.3
55.0	56.1	56.1	56.2	56.2	56.3	56.6	56.6	56.8	56.9
61.0	61.1	61.1	61.2	61.2	61.3	61.6	61.6	61.8	61.9
65.1	65.2	65.2	65.3	65.3	65.4	65.7	65.7	65.9	66.0
70.8	70.9	70.9	71.0	71.0	71.1	71.3	71.3	71.6	71.7
75.0	75.1	75.1	75.2	75.2	75.3	75.6	75.6	75.8	75.9
82.0	82.2	82.2	82.3	82.3	82.4	82.7	82.7	82.9	83.0
85.8	86.0	86.0	86.1	86.1	86.2	86.4	86.4	86.7	86.8
88.7	88.9	88.9	89.0	89.0	89.1	89.3	89.3	89.6	89.7
89.0	89.2	89.2	89.3	89.3	89.4	89.7	89.7	89.9	90.0
90.9	91.1	91.1	91.3	91.3	91.4	91.7	91.7	91.9	92.0
92.4	92.7	92.7	92.9	92.9	93.0	93.2	93.2	93.4	93.6
93.7	93.9	93.9	94.1	94.1	94.2	94.4	94.4	94.7	94.8
93.8	94.0	94.0	94.2	94.2	94.3	94.5	94.6	94.8	94.9
94.3	94.6	94.6	94.8	94.8	94.9	95.1	95.1	95.3	95.4
94.9	95.1	95.1	95.3	95.3	95.4	95.7	95.7	95.9	96.0
95.3	95.7	95.7	95.9	95.9	96.0	96.2	96.2	96.4	96.6
95.3	96.9	96.9	97.1	97.1	97.2	97.6	97.6	97.8	97.9
95.3	96.9	96.9	97.2	97.2	97.3	97.7	97.7	97.9	98.0
96.3	96.9	96.9	97.4	97.6	97.7	98.0	98.1	98.3	98.4
96.6	97.1	97.1	97.7	97.9	98.0	98.4	98.6	99.0	99.2
96.6	97.1	97.1	97.7	97.9	98.1	98.6	98.7	99.3	99.9
96.6	97.1	97.1	97.7	97.9	98.1	98.6	98.7	99.4	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
						VISIBILITY IN STATUTE MILES			
NO CEIL	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 20000	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 18000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 16000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	36.4	36.4	36.5	36.5	36.5	36.6	36.5	36.5	36.5
GE 12000	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 10000	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 8000	45.9	45.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 7000	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	49.1	49.3	49.5	49.6	49.6	49.6	49.6	49.6	49.6
GE 5000	52.3	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 4500	55.7	55.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 4000	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3500	55.3	55.7	59.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3000	79.9	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	84.9	85.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000	88.4	89.1	89.7	89.9	90.0	90.0	90.0	90.1	90.1
GE 1800	89.2	89.9	90.6	90.7	90.9	90.9	90.9	91.0	91.0
GE 1500	91.7	92.3	93.1	93.2	93.4	93.4	93.4	93.6	93.6
GE 1200	93.3	94.0	94.8	94.9	95.1	95.1	95.1	95.2	95.2
GE 1000	94.2	95.0	95.9	96.1	96.3	96.3	96.3	96.4	96.4
GE 900	94.4	95.2	96.3	96.6	96.8	96.8	96.3	96.9	96.9
GE 800	95.4	96.4	97.6	97.9	98.1	98.2	98.3	98.4	98.4
GE 700	95.4	96.4	97.8	98.1	98.4	98.6	98.7	98.8	98.8
GE 600	95.6	96.7	98.0	98.3	98.7	98.9	99.0	99.1	99.1
GE 500	95.6	96.7	98.0	98.4	98.8	98.9	99.1	99.4	99.4
GE 400	95.6	96.7	98.0	98.4	98.8	98.9	99.2	99.7	99.7
GE 300	95.6	96.7	98.0	98.5	98.9	99.0	99.3	99.8	99.8
GE 200	95.6	96.7	98.0	98.6	98.9	99.0	99.3	99.8	99.8
GE 100	95.6	96.7	98.0	98.6	98.9	99.0	99.3	99.8	99.8
GE 000	95.6	96.7	98.0	98.6	98.9	99.0	99.3	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS   900

A   0 - 2 - 31

WASHINGTON   PERIOD OF RECORD: JUN 75 - MAY 85
                MONTH: APR   HOURS: 09-11

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	25.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
.3	34.5	34.5	34.5	34.5	34.8	34.8	34.8	34.3	34.3
.5	36.5	36.5	36.5	36.5	36.6	36.5	36.5	36.5	36.5
.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
..	41.9	41.5	41.8	41.8	41.5	41.8	41.3	41.8	41.5
.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
.1	43.1	43.1	43.1	43.1	43.1	43.1	48.1	43.1	43.1
.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6
.3	52.3	52.3	52.3	52.3	52.3	52.6	52.3	52.3	52.3
.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	30.8
..	85.0	85.0	85.0	85.0	85.0	85.0	86.0	86.0	85.0
..	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
.3	95.4	96.4	95.5	96.6	96.6	95.5	96.5	96.6	96.6
..	95.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING		GE	GE	GE	GE	GE	VISIBILITY IN STATUTE MILES GE	GE	GE	GE
		7	5	5	4	3	2 1/2	2	1 1/2	1 1/4
LT CEIL		27.4	27.7	27.8	27.9	27.9	27.9	27.9	27.3	27.8
GE	20000	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE	15000	33.1	34.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE	16000	34.1	34.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE	14000	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE	12000	42.2	42.4	42.5	42.5	42.5	42.6	42.5	42.5	42.5
GE	10000	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE	8000	45.5	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8
GE	7500	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE	7000	53.0	53.3	53.9	54.0	54.0	54.0	54.0	54.0	54.0
GE	6000	54.4	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE	5000	57.3	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE	4500	52.0	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3
GE	4000	55.2	55.4	55.3	55.9	66.0	66.0	66.0	66.0	66.0
GE	3500	73.8	74.3	74.7	74.8	74.9	74.9	74.9	74.9	74.9
GE	3000	84.2	84.9	85.7	85.3	85.9	85.9	85.9	85.9	85.9
GE	2500	90.5	90.3	91.1	91.2	91.3	91.3	91.3	91.3	91.3
GE	2000	92.5	93.5	94.3	94.5	94.8	94.8	94.8	94.8	94.8
GE	1400	93.3	94.4	95.2	95.4	95.7	95.8	95.8	95.8	95.8
GE	1500	94.7	95.2	95.7	95.9	97.2	97.3	97.3	97.3	97.3
GE	1200	95.4	97.8	98.7	98.9	99.2	99.3	99.3	99.3	99.3
GE	1000	95.7	98.0	98.9	99.1	99.4	99.6	99.6	99.6	99.6
GE	900	95.7	98.1	99.1	99.3	99.8	99.9	99.9	99.9	99.9
GE	800	95.7	98.1	99.1	99.3	99.8	99.9	99.9	99.9	99.9
GE	700	95.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
GE	600	95.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
GE	500	95.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
GE	400	95.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
GE	300	95.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
GE	200	95.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
GE	100	95.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
GE	000	95.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS   900

A

D - 2 - 32

DIVISION	PERIOD OF RECORD: JUN 76 - MAY 88
	MONTH: APR HOURS: 12-14

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                             LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31
GE 20000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42
GE 18000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42
GE 16000	42.6	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42
GE 14000	44.3	44.3	44.3	44.3	44.8	44.8	44.3	44.8	44
GE 12000	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46
GE 10000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.
GE 9000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52
GE 8000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.
GE 7000	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.
GE 6000	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.
GE 5000	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.
GE 4500	63.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.
GE 4000	72.3	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.
GE 3500	30.3	81.3	81.3	81.9	31.9	81.9	81.9	81.9	81.
GE 3000	87.0	88.0	88.6	88.8	89.1	89.1	89.1	89.1	89.
GE 2500	91.5	92.4	93.7	93.9	94.2	94.2	94.2	94.2	94.
GE 2000	94.2	95.5	96.5	96.8	97.2	97.2	97.2	97.2	97.
GE 1800	94.4	95.8	96.8	97.2	97.5	97.6	97.6	97.6	97.
GE 1500	95.1	96.6	97.6	98.0	98.3	98.3	98.3	98.3	98.
GE 1200	96.0	97.7	98.8	99.2	99.6	99.6	99.6	99.6	99.
GE 1000	96.2	97.7	99.0	99.4	99.8	99.8	99.8	99.8	99.
GE 900	96.2	97.7	99.0	99.4	99.8	99.8	99.8	99.8	99.
GE 800	96.2	97.7	99.0	99.4	99.8	99.8	99.8	99.8	99.
GE 700	96.3	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.
GE 600	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   900

A

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                       MONTH: APR   HOURS: 15-17

. . . .

Y STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
.5	42.5	42.5	42.5	42.6	42.6	42.5	42.6	42.6	42.5
.3	44.8	44.3	44.3	44.8	44.8	44.8	44.3	44.5	44.8
1	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
.5	97.5	97.6	97.6	97.5	97.6	97.6	97.6	97.6	97.6
.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 5	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 20000	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 16000	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 14000	47.5	47.5	47.5	47.6	47.6	47.6	47.5	47.5	47.5
GE 12000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 9000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 8000	61.5	61.5	61.5	61.5	61.6	61.5	61.5	61.5	61.5
GE 7000	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	73.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	82.3	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	90.7	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4
GE 2500	93.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8
GE 2000	96.0	97.0	97.2	97.2	97.4	97.5	97.6	97.5	97.5
GE 1800	96.1	97.1	97.3	97.3	97.7	97.8	97.8	97.8	97.8
GE 1500	97.1	98.1	98.6	98.8	99.2	99.4	99.4	99.4	99.4
GE 1200	97.3	98.3	98.8	99.0	99.4	99.7	99.7	99.7	99.7
GE 1000	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 900	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 800	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 700	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 600	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 500	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 400	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 300	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 200	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 100	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 000	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   900

...HINGTON	PERIOD OF RECORD: JUN 78 - MAY 88
	MONTH: APR HOURS: 13-20

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
..	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
..	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
.5	61.5	61.5	61.5	61.5	61.6	61.6	61.5	61.5	
.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.3	94.8
.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742050 STATION NAME: MCCHORD AFB WASHINGTON

LST TO UTC: + 8.

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 16000	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
GE 8000	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	78.8	79.9	79.2	79.2	79.3	79.3	79.3	79.3	79.3
GE 3500	83.2	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4
GE 3000	89.5	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2
GE 2500	92.2	93.4	93.9	94.2	94.4	94.4	94.4	94.4	94.4
GE 2000	94.1	95.7	96.1	96.4	96.7	96.7	96.7	96.7	96.7
GE 1800	94.4	96.0	96.4	96.8	97.0	97.0	97.0	97.0	97.0
GE 1500	96.1	97.8	98.2	98.8	99.0	99.0	99.0	99.0	99.0
GE 1200	96.4	98.1	98.6	99.1	99.3	99.3	99.3	99.3	99.3
GE 1000	96.4	98.1	98.6	99.2	99.4	99.4	99.6	99.6	99.6
GE 900	96.4	98.1	98.6	99.2	99.4	99.4	99.6	99.6	99.6
GE 800	96.4	98.1	98.6	99.2	99.4	99.4	99.6	99.6	99.6
GE 700	96.5	98.2	98.7	99.3	99.6	99.6	99.7	99.7	99.7
GE 600	96.5	98.2	98.7	99.3	99.6	99.6	99.7	99.7	99.7
GE 500	96.7	98.3	98.8	99.4	99.7	99.7	99.8	99.8	99.8
GE 400	96.7	98.4	98.9	99.6	99.8	99.8	99.9	99.9	99.9
GE 300	96.7	98.4	98.9	99.6	99.8	99.8	99.9	99.9	99.9
GE 200	96.7	98.4	98.9	99.7	99.9	99.9	100.0	100.0	100.0
GE 100	96.7	98.4	98.9	99.7	99.9	99.9	100.0	100.0	100.0
GE 000	96.7	98.4	98.9	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

HINGTON   PERIOD OF RECORD: JUN 75 - MAY 83
                  MONTH: APR   HOURS: 21-23

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
.5	60.5	60.5	60.5	60.5	60.6	60.5	60.5	60.6	60.5
.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	35.1	35.6	36.1	36.3	36.3	36.4	36.4	36.5	36.5
GE 20000	41.7	42.2	42.7	42.9	43.0	43.0	43.1	43.1	43.1
GE 18000	42.1	42.6	43.1	43.3	43.4	43.4	43.5	43.5	43.5
GE 16000	42.2	42.7	43.2	43.4	43.5	43.5	43.6	43.6	43.6
GE 14000	43.5	44.0	44.5	44.7	44.8	44.8	44.9	44.9	44.9
GE 12000	45.1	45.6	46.2	46.3	46.4	46.5	46.5	46.6	46.6
GE 10000	49.9	50.5	51.0	51.2	51.3	51.4	51.4	51.5	51.5
GE 9000	50.3	50.9	51.5	51.6	51.8	51.8	51.8	51.9	51.9
GE 8000	55.5	56.3	56.8	57.0	57.1	57.2	57.2	57.3	57.3
GE 7000	57.3	57.9	58.5	58.7	58.8	58.9	58.9	59.0	59.0
GE 6000	58.5	59.2	59.8	60.0	60.1	60.1	60.2	60.2	60.2
GE 5000	62.5	63.3	63.9	64.1	64.3	64.3	64.4	64.4	64.4
GE 4500	65.5	66.4	67.1	67.3	67.5	67.5	67.5	67.5	67.5
GE 4000	70.5	71.6	72.4	72.6	72.8	72.9	72.9	73.0	73.0
GE 3500	76.2	77.4	78.3	78.6	78.8	78.8	78.9	78.9	78.9
GE 3000	83.7	85.1	86.1	86.5	86.8	86.8	86.9	86.9	86.9
GE 2500	87.3	88.9	90.0	90.5	90.8	90.8	90.9	91.0	91.0
GE 2000	89.3	91.6	92.3	93.3	93.7	93.8	93.8	94.0	94.0
GE 1800	90.3	92.1	93.3	93.9	94.3	94.4	94.5	94.5	94.5
GE 1500	91.9	93.8	95.0	95.7	96.1	96.2	96.3	96.4	96.4
GE 1200	92.3	94.3	96.0	96.7	97.2	97.3	97.4	97.4	97.4
GE 1000	93.2	95.2	96.5	97.2	97.7	97.8	98.0	98.0	98.0
GE 900	93.3	95.2	96.6	97.3	97.8	97.9	98.1	98.2	98.2
GE 800	93.5	95.5	96.8	97.6	98.1	98.2	98.4	98.5	98.5
GE 700	93.6	95.6	97.0	97.8	98.3	98.4	98.6	98.6	98.6
GE 600	93.6	95.6	97.0	97.9	98.4	98.5	98.7	98.8	98.8
GE 500	93.7	95.7	97.1	98.0	98.5	98.6	98.9	99.0	99.0
GE 400	93.7	95.8	97.2	98.0	98.6	98.7	99.0	99.1	99.1
GE 300	93.8	95.8	97.2	98.1	98.7	98.8	99.1	99.2	99.2
GE 200	93.8	95.8	97.3	98.1	98.7	98.8	99.1	99.3	99.3
GE 100	93.8	95.8	97.3	98.1	98.7	98.8	99.1	99.3	99.3
GE 000	93.8	95.8	97.3	98.1	98.7	98.8	99.1	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 7200

A

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: APR HOURS: ALL

IN STATUTE MILES

E 2	GE 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6
.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3
.5	43.5	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7
.5	43.6	43.6	43.7	43.7	43.7	43.7	43.8	43.8	43.8
.9	44.9	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.1
.5	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7
.4	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6
.3	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1
.2	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4
.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6
.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.8
.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.2	73.2
.9	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1
.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.2
.9	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2
.3	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2
.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.8
.3	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6
.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.7	97.7
.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3
.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4
.4	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7
.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9
.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.3	99.3
.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4
.1	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5
.1	99.3	99.3	99.5	99.5	99.5	99.6	99.7	99.8	99.8
.1	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.9	100.0
.1	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.9	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

CEILING IN FEET		GE 7	GE 5	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL		45.9	46.1	46.1	46.3	46.5	46.5	46.6	46.6	46.6
GE	20000	48.5	48.8	48.8	49.0	49.2	49.2	49.2	49.2	49.2
GE	18000	48.5	48.5	48.8	49.0	49.2	49.2	49.2	49.2	49.2
GE	16000	48.5	48.8	48.8	49.0	49.2	49.2	49.2	49.2	49.2
GE	14000	47.7	48.3	48.9	50.1	50.3	50.3	50.3	50.3	50.3
GE	12000	50.3	50.5	50.5	50.8	51.0	51.0	51.0	51.0	51.0
GE	10000	54.1	54.3	54.3	54.5	54.7	54.7	54.7	54.7	54.7
GE	9000	55.1	55.3	55.3	55.5	55.7	55.7	55.7	55.7	55.7
GE	8000	60.0	60.2	60.2	60.4	60.6	60.6	60.6	60.6	60.6
GE	7000	62.4	62.5	62.5	62.8	63.0	63.0	63.0	63.0	63.0
GE	6000	63.8	64.0	64.0	64.2	64.4	64.4	64.4	64.4	64.4
GE	5000	67.7	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.4
GE	4500	71.3	71.5	71.5	71.7	71.9	71.9	71.9	71.9	71.9
GE	4000	79.4	79.9	80.1	80.3	80.5	80.5	80.5	80.5	80.5
GE	3500	84.3	85.5	85.9	86.2	86.5	86.6	86.6	86.5	86.5
GE	3000	90.3	91.1	91.4	91.7	91.9	92.2	92.2	92.2	92.2
GE	2500	91.8	92.6	92.9	93.2	93.4	93.7	93.7	93.7	93.7
GE	2000	93.3	94.5	94.9	95.3	95.5	95.7	95.7	95.7	95.7
GE	1800	94.9	95.7	96.2	96.5	96.8	97.0	97.0	97.0	97.0
GE	1500	95.5	97.3	97.8	98.2	98.4	98.6	98.6	98.6	98.6
GE	1200	97.1	97.3	98.4	98.7	98.9	99.1	99.1	99.1	99.1
GE	1000	97.4	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.5
GE	900	97.4	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.5
GE	800	97.4	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.5
GE	700	97.7	98.5	99.0	99.4	99.6	99.8	99.8	99.8	99.8
GE	600	97.7	98.5	99.0	99.4	99.6	99.8	99.8	99.8	99.8
GE	500	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE	400	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE	300	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE	200	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE	100	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE	000	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   930

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SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: MAY   HOURS: 00-02

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IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
7.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	.0
.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

D - 3 - 37   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING					VISIBILITY IN STATUTE MILES				
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	33.4	33.7	34.0	34.1	34.3	34.3	34.4	34.4	34.4
GE 20000	37.1	37.3	37.6	37.8	38.1	38.1	38.2	38.2	38.2
GE 18000	37.4	37.6	38.0	38.2	38.4	38.4	38.5	38.5	38.5
GE 16000	37.4	37.6	38.0	38.2	38.4	38.4	38.5	38.5	38.5
GE 14000	38.7	38.9	39.2	39.5	39.7	39.7	39.8	39.8	39.8
GE 12000	40.5	41.0	41.3	41.5	41.7	41.7	41.8	41.8	41.9
GE 10000	44.0	44.3	44.6	44.8	45.1	45.1	45.2	45.2	45.2
GE 9000	44.3	44.5	44.9	45.2	45.4	45.4	45.5	45.5	45.5
GE 8000	47.3	48.2	48.6	48.8	49.0	49.0	49.1	49.1	49.1
GE 7000	49.7	50.0	50.4	50.6	50.9	50.9	51.0	51.0	51.0
GE 6000	51.5	51.8	52.4	52.6	52.8	52.8	52.9	52.9	52.9
GE 5000	56.9	57.5	58.1	58.3	58.6	58.6	58.7	58.7	58.8
GE 4500	61.3	62.5	63.0	63.3	63.7	63.7	63.8	63.8	63.9
GE 4000	57.7	58.4	59.1	59.6	69.9	69.9	70.0	70.0	70.1
GE 3500	72.9	73.5	74.6	75.3	75.5	75.5	75.7	75.7	75.8
GE 3000	78.4	79.1	80.4	81.1	81.4	81.4	81.5	81.5	81.6
GE 2500	82.7	83.4	84.9	85.5	85.9	85.9	86.0	86.0	86.1
GE 2000	86.6	87.5	89.0	89.7	90.0	90.0	90.1	90.1	90.2
GE 1800	88.2	89.1	90.6	91.3	91.6	91.6	91.7	91.7	91.8
GE 1500	91.0	92.0	93.5	94.3	94.6	94.6	94.7	94.7	94.8
GE 1200	92.5	93.7	95.2	95.9	96.2	96.2	96.3	96.3	96.5
GE 1000	92.8	93.9	95.4	96.2	96.6	96.6	96.7	96.7	96.8
GE 900	93.4	94.5	96.1	97.0	97.3	97.3	97.4	97.4	97.5
GE 800	93.9	95.2	96.8	97.7	98.1	98.1	98.2	98.2	98.3
GE 700	93.9	95.2	96.8	97.8	98.2	98.2	98.3	98.3	98.4
GE 600	94.1	95.4	97.0	98.1	98.4	98.4	98.5	98.5	98.6
GE 500	94.4	95.9	97.6	98.8	99.1	99.1	99.2	99.2	99.4
GE 400	94.4	95.9	97.6	98.8	99.1	99.1	99.2	99.2	99.4
GE 300	94.5	96.0	97.7	98.9	99.2	99.2	99.4	99.4	99.5
GE 200	94.5	96.0	97.7	98.9	99.2	99.2	99.4	99.4	99.5
GE 100	94.5	96.0	97.7	98.9	99.4	99.4	99.5	99.5	99.6
GE 000	94.5	96.0	97.7	98.9	99.4	99.4	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS   930

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D - 2 - 38

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                  MONTH: MAY   HOURS: 03-05

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N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	34.4	34.4	34.4	34.4	34.4	34.4	4.4	34.5	34.5
.2	33.2	38.2	38.2	33.2	33.2	33.2	38.2	33.3	38.3
.5	38.5	33.5	38.5	33.5	36.5	33.5	38.5	38.6	38.6
.5	33.5	33.5	38.5	33.5	36.5	33.5	38.5	33.6	38.6
.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9
.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9
.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3
.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6
.1	49.1	49.1	49.1	49.	49.1	49.1	49.1	49.2	49.2
.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1
.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0
.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
.9	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0
.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9
.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
.0	85.0	86.1	85.1	86.1	85.1	86.1	86.1	86.2	85.2
.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
.3	95.3	95.5	95.5	96.5	96.5	96.5	96.5	96.6	96.6
.7	95.7	95.8	95.8	96.8	96.8	96.8	96.8	96.9	96.9
.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
.5	99.5	99.5	99.5	99.6	99.6	99.7	99.8	99.9	100.0
.5	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.9	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	27.7	27.7	27.7	27.7	27.8	27.8	27.8	27.8	28.0
GE 20000	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.9
GE 18000	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.1
GE 16000	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.3
GE 14000	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.5
GE 12000	36.5	36.5	36.5	36.5	36.6	36.5	36.5	36.6	36.7
GE 10000	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.6
GE 9000	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.9
GE 8000	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.4
GE 7000	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.7
GE 6000	49.4	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.8
GE 5000	54.7	54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.2
GE 4500	53.1	53.1	53.5	53.7	53.8	53.8	53.8	53.8	53.9
GE 4000	65.8	65.8	66.2	66.5	66.7	66.7	66.7	66.7	66.8
GE 3500	71.7	71.8	72.3	72.6	72.7	72.7	72.7	72.7	72.8
GE 3000	78.1	78.4	78.8	79.1	79.4	79.4	79.4	79.4	79.5
GE 2500	82.3	82.7	83.2	83.5	83.8	83.8	83.9	83.9	84.0
GE 2000	85.8	86.2	86.8	87.1	87.4	87.4	87.5	87.5	87.7
GE 1600	87.1	87.6	88.2	88.5	88.8	88.8	89.0	89.0	89.1
GE 1500	90.2	90.9	91.6	92.2	92.5	92.5	92.8	92.9	93.0
GE 1200	90.9	91.5	92.3	92.9	93.3	93.3	93.7	93.6	93.9
GE 1000	91.5	92.3	93.1	93.3	94.2	94.2	94.5	94.6	94.7
GE 900	91.7	92.5	93.4	94.1	94.6	94.6	95.2	95.3	95.4
GE 800	92.2	92.8	93.9	94.5	95.1	95.1	95.6	95.7	95.8
GE 700	92.8	93.8	94.8	95.6	96.1	96.1	96.8	96.9	97.0
GE 600	93.0	94.1	95.4	96.1	96.8	96.8	97.4	97.6	97.7
GE 500	93.2	94.3	95.6	96.8	97.5	97.5	98.2	98.4	98.5
GE 400	93.2	94.3	95.5	96.8	97.5	97.5	98.2	98.4	98.5
GE 300	93.2	94.3	95.5	96.9	97.6	97.6	98.3	98.5	98.5
GE 200	93.2	94.3	95.5	96.9	97.6	97.6	98.3	98.5	98.5
GE 100	93.2	94.3	95.5	96.9	97.6	97.6	98.3	98.5	98.5
GE 000	93.2	94.3	95.5	96.9	97.6	97.6	98.3	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS   930

β   D - 2 - 39

WASHINGTON			PERIOD OF RECORD: JUN 7? - MAY 8?						
			MONTH: MAY	HOURS: 06-08					

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IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
7.8	27.8	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1
2.?	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0
3.0	33.0	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2
3.2	33.2	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4
5.4	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6
5.5	36.6	36.7	35.7	36.7	36.7	36.7	36.8	36.8	36.8
1.5	41.5	41.5	41.5	41.5	41.6	41.5	41.7	41.7	41.7
1.?	41.8	41.?	41.?	41.?	41.?	41.?	42.0	42.0	42.0
5.3	45.3	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5
7.5	47.5	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8
9.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9
5.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3
?.?	59.?	59.?	59.?	59.?	59.?	59.?	60.0	60.0	60.0
5.7	65.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
2.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9
9.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
3.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
7.5	87.5	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
9.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
2.?	92.?	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
3.7	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0
4.5	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
5.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
5.5	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
5.3	96.3	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
7.4	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
4.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7
5.?	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8
9.3	98.5	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.1
3.3	98.5	98.6	98.?	99.0	99.0	99.2	99.5	99.5	99.7
8.3	98.5	98.6	98.9	99.0	99.0	99.2	99.5	99.5	100.0
8.3	98.5	98.6	98.9	99.0	99.0	99.2	99.5	99.5	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
                           LST TO UTC: +8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	27.5	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 20000	32.5	32.5	32.5	32.6	32.6	32.5	32.6	32.5	32.5
GE 18000	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 16000	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 14000	34.3	34.3	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 10000	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 9000	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 8000	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 7000	44.3	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 6000	45.8	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 5000	50.9	51.1	51.3	51.5	51.5	51.5	51.5	51.5	51.5
GE 4500	52.7	52.9	53.1	53.5	53.5	53.5	53.5	53.5	53.5
GE 4000	54.8	59.0	59.2	59.7	59.7	59.7	59.7	59.7	59.7
GE 3500	56.7	57.0	57.2	57.5	57.6	57.5	57.7	57.7	57.7
GE 3000	75.3	75.7	76.3	76.9	77.0	77.0	77.1	77.1	77.1
GE 2500	83.7	84.1	84.8	85.4	85.6	85.6	85.9	85.9	85.9
GE 2000	88.5	88.9	88.7	90.3	91.5	90.5	90.9	90.9	90.9
GE 1800	89.5	90.2	91.0	91.6	91.9	91.9	92.3	92.3	92.3
GE 1500	92.0	93.1	93.9	94.7	95.1	95.1	95.4	95.4	95.4
GE 1200	93.4	94.3	95.1	95.9	96.2	96.2	96.6	96.6	96.6
GE 1000	94.4	95.3	96.1	97.0	97.3	97.3	97.7	97.7	97.7
GE 900	94.5	95.5	96.3	97.2	97.6	97.6	98.1	98.1	98.1
GE 800	94.7	95.6	96.5	97.3	97.7	97.7	98.2	98.2	98.2
GE 700	94.3	95.8	96.3	97.6	98.1	98.1	98.7	98.7	98.7
GE 600	95.3	96.1	97.1	98.1	98.5	98.5	99.4	99.6	99.6
GE 500	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 400	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 300	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 200	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 100	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 000	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS   930

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HINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                           MONTH: MAY   HOURS: 09-11

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STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
2	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
3	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
LST TO UTC: + 8   MC

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 20000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 18000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 16000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 12000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 10000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 9000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 8000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 7000	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 6000	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 5000	55.0	55.1	55.3	56.5	56.5	56.5	55.5	56.5	56.5
GE 4500	58.1	58.1	58.1	59.2	58.2	59.2	58.2	58.2	58.2
GE 4000	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4
GE 3500	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	87.2	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	91.8	92.3	92.8	93.1	93.2	93.2	93.3	93.3	93.3
GE 2000	95.5	96.0	96.6	96.9	97.0	97.0	97.2	97.2	97.2
GE 1800	95.9	96.8	97.3	97.6	97.7	97.7	98.0	98.0	98.0
GE 1500	96.5	97.5	98.2	98.6	98.8	98.8	99.0	99.1	99.1
GE 1200	96.7	97.7	98.4	98.8	99.0	99.0	99.2	99.4	99.4
GE 1000	96.7	97.7	98.4	98.8	99.1	99.1	99.4	99.5	99.5
GE 900	96.7	97.7	98.4	98.8	99.1	99.1	99.5	99.6	99.6
GE 800	96.7	97.7	98.4	98.8	99.1	99.1	99.5	99.6	99.6
GE 700	96.7	97.8	98.5	98.9	99.2	99.2	99.6	99.7	99.7
GE 600	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 500	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 400	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 300	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 200	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 100	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 000	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS   930

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                           MONTH: MAY   HOURS: 12-14

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Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
					VISIBILITY IN STATUTE MILES				
NO CEIL	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 18000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 15000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 14000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 12000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3
GE 9000	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3
GE 8000	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0
GE 7000	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
GE 6000	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6
GE 5000	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
GE 4500	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3
GE 4000	75.5	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1
GE 3500	81.8	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4
GE 3000	90.9	91.4	91.6	91.6	91.8	91.8	91.8	91.8	91.8
GE 2500	94.5	95.2	95.5	95.6	95.9	95.9	95.9	95.9	95.9
GE 2000	95.3	96.3	97.2	97.5	97.8	97.8	97.8	97.8	97.8
GE 1800	96.0	96.9	97.3	97.6	98.0	98.0	98.0	98.0	98.0
GE 1500	96.4	97.4	97.8	98.3	98.6	98.6	98.6	98.6	98.6
GE 1200	96.8	97.8	98.4	98.8	99.1	99.1	99.1	99.1	99.1
GE 1000	96.9	98.2	98.7	99.1	99.6	99.6	99.6	99.6	99.6
GE 900	96.9	98.2	98.7	99.1	99.7	99.7	99.7	99.7	99.7
GE 800	96.9	98.2	98.7	99.1	99.7	99.7	99.7	99.7	99.7
GE 700	96.9	98.2	98.8	99.2	99.8	99.8	99.8	99.8	99.8
GE 600	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 500	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 000	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   928

SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                            MONTH: MAY   HOURS: 15-17

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IN STATUTE MILES

E	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0

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.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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0 - 2 - 42   8

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 20000	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 18000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 16000	47.5	47.6	47.6	47.5	47.6	47.6	47.6	47.6	47.6
GE 14000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 12000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10000	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4
GE 9000	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9
GE 8000	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2
GE 7000	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1
GE 6000	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0
GE 5000	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4
GE 4500	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2
GE 4000	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4
GE 3500	86.3	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9
GE 3000	91.6	92.1	92.9	93.0	93.1	93.1	93.1	93.1	93.1
GE 2500	93.4	94.3	95.1	95.3	95.4	95.4	95.4	95.6	95.6
GE 2000	94.3	95.9	96.9	97.0	97.1	97.1	97.1	97.3	97.3
GE 1800	95.3	96.3	97.2	97.4	97.5	97.5	97.5	97.7	97.7
GE 1500	95.8	96.9	97.8	98.1	98.2	98.2	98.3	98.5	98.5
GE 1200	96.0	97.1	98.2	98.7	98.9	98.9	99.0	99.2	99.2
GE 1000	96.1	97.3	98.4	98.9	99.2	99.2	99.5	99.7	99.7
GE 900	96.1	97.3	98.4	98.9	99.2	99.4	99.6	99.8	99.8
GE 800	96.1	97.3	98.4	98.9	99.2	99.4	99.6	99.8	99.8
GE 700	96.1	97.3	98.4	98.9	99.2	99.4	99.6	99.8	99.8
GE 600	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 500	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 400	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 300	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 200	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 100	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 000	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS   927

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                  MONTH: MAY   HOURS: 18-20

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
.7	45.7	45.7	45.7	46.7	45.7	45.7	46.7	46.7	46.7
.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
.4	95.6	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
LST TO UTC: + 8   40

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	4
GE 20000	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	5
GE 18000	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	5
GE 16000	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	5
GE 14000	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	5
GE 12000	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	5
GE 10000	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	5
GE 9000	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	5
GE 8000	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	6
GE 7000	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	6
GE 6000	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	6
GE 5000	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	7
GE 4500	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	7
GE 4000	82.8	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	8
GE 3500	88.1	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	8
GE 3000	93.1	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	9
GE 2500	94.2	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	9
GE 2000	95.8	95.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	9
GE 1800	96.0	96.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	9
GE 1500	97.2	97.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	9
GE 1200	97.8	98.0	99.1	99.2	99.6	99.6	99.6	99.6	99.6	9
GE 1000	98.1	98.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	9
GE 900	98.1	98.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	9
GE 800	98.1	98.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	9
GE 700	98.1	98.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	9
GE 600	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 500	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 400	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 300	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 200	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 100	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 000	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10

TOTAL NUMBER OF OBSERVATIONS   927

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ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 21-23

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
9.3	49.3	49.3	49.3	49.3	49.3	49.3	49.5	45.3	49.3
2.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
3.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
3.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
4.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
6.2	56.2	55.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
9.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
9.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
4.3	54.3	64.3	64.3	64.3	64.3	54.3	64.3	64.3	64.3
6.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
6.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
2.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
5.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
3.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
9.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
4.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
5.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
7.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
7.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
3.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.3
9.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
9.8	99.8	99.8	99.8	99.8	99.8	99.3	99.8	99.8	99.3
9.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   F
                           LST TO UTC: + 8   N

CEILING						VISIBILITY IN STATUTE MILES			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	36.5	36.5	36.7	36.7	36.8	36.9	36.8	36.8	36.8
GE 20000	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.7
GE 18000	41.7	41.8	41.8	41.8	42.0	42.0	42.0	42.0	42.0
GE 16000	41.8	41.9	42.0	42.0	42.1	42.1	42.1	42.1	42.1
GE 14000	43.6	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9
GE 12000	45.3	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.6
GE 10000	48.9	49.0	49.0	49.1	49.2	49.2	49.2	49.2	49.2
GE 9000	49.2	49.3	49.4	49.4	49.5	49.5	49.5	49.5	49.5
GE 8000	53.4	53.5	53.5	53.6	53.7	53.7	53.7	53.7	53.7
GE 7000	55.7	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1
GE 6000	57.1	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5
GE 5000	61.8	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.4
GE 4500	65.0	65.2	65.4	65.5	65.6	65.6	65.6	65.6	65.7
GE 4000	72.3	72.5	72.9	73.0	73.2	73.2	73.2	73.2	73.2
GE 3500	78.6	78.9	79.4	79.6	79.8	79.8	79.8	79.8	79.8
GE 3000	85.5	86.1	86.7	86.9	87.1	87.1	87.2	87.2	87.2
GE 2500	89.3	89.9	90.6	90.9	91.1	91.1	91.2	91.2	91.2
GE 2000	92.1	92.7	93.5	93.8	94.1	94.1	94.2	94.2	94.2
GE 1800	92.9	93.6	94.4	94.7	95.0	95.0	95.1	95.1	95.1
GE 1500	94.5	95.3	96.1	96.5	96.9	96.9	97.0	97.1	97.1
GE 1200	95.2	96.0	96.9	97.4	97.7	97.7	97.8	97.9	97.9
GE 1000	95.5	96.4	97.3	97.8	98.1	98.2	98.3	98.4	98.4
GE 900	95.6	96.5	97.4	98.0	98.3	98.4	98.6	98.6	98.7
GE 800	95.7	96.6	97.6	98.1	98.5	98.5	98.7	98.8	98.8
GE 700	95.9	96.8	97.8	98.4	98.8	98.8	99.0	99.1	99.1
GE 600	96.0	97.0	98.0	98.6	99.0	99.0	99.3	99.4	99.4
GE 500	96.1	97.1	98.1	98.8	99.2	99.3	99.6	99.7	99.7
GE 400	96.1	97.1	98.1	98.8	99.2	99.3	99.6	99.7	99.7
GE 300	96.1	97.1	98.1	98.8	99.2	99.3	99.6	99.7	99.7
GE 200	96.1	97.1	98.1	98.8	99.2	99.3	99.6	99.7	99.7
GE 100	96.1	97.1	98.1	98.8	99.3	99.3	99.6	99.7	99.7
GE 000	96.1	97.1	98.1	98.8	99.3	99.3	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 7432

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...HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                MONTH: MAY HOURS: ALL

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.8	35.3	35.4	35.3	36.8	36.8	36.8	36.8	36.8	36.9
.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.5
.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
.2	87.2	37.2	87.2	37.2	37.2	37.2	87.2	37.2	37.2
.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	58.7
.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

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STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON   P
                           LST TO UTC: + 8   M

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	51.1	51.2	51.6	51.6	51.6	51.7	51.7	51.7	51.7	
GE 20000	53.5	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1	
GE 18000	53.5	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1	
GE 16000	53.5	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1	
GE 14000	54.1	54.2	54.5	54.6	54.6	54.7	54.7	54.7	54.7	
GE 12000	55.1	55.2	55.5	55.6	55.6	55.7	55.7	55.7	55.7	
GE 10000	58.0	58.1	58.4	58.4	58.4	58.5	58.5	58.6	58.6	
GE 9000	58.1	58.2	58.6	58.6	58.6	58.7	58.7	58.7	58.7	
GE 8000	61.0	61.2	61.6	61.6	61.6	61.7	61.7	61.7	61.7	
GE 7000	62.6	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	
GE 6000	63.7	64.0	64.4	64.4	64.4	64.6	64.6	64.6	64.6	
GE 5000	59.4	59.8	70.3	70.3	70.3	70.4	70.4	70.4	70.4	
GE 4500	74.5	74.8	75.4	75.4	75.4	75.5	75.5	75.5	75.5	
GE 4000	81.7	82.2	82.8	82.9	82.9	83.0	83.0	83.0	83.0	
GE 3500	84.9	85.4	86.0	86.1	86.1	86.2	86.2	86.2	86.2	
GE 3000	88.2	88.8	89.3	89.4	89.4	89.6	89.6	89.6	89.6	
GE 2500	90.3	91.0	91.6	91.7	91.8	91.9	91.9	91.9	91.9	
GE 2000	92.9	93.5	94.1	94.4	94.8	94.9	94.9	94.9	94.9	
GE 1800	93.2	93.9	94.4	94.8	95.1	95.2	95.2	95.2	95.2	
GE 1500	94.8	95.4	96.0	96.6	97.0	97.1	97.1	97.1	97.1	
GE 1200	95.4	96.1	96.7	97.2	97.7	97.8	97.8	97.8	97.8	
GE 1000	95.0	95.5	97.1	97.9	98.3	98.4	98.4	98.4	98.4	
GE 900	95.7	96.5	97.1	98.0	98.7	98.8	98.8	98.8	98.8	
GE 800	95.7	96.5	97.1	98.0	98.7	98.8	98.8	98.8	98.8	
GE 700	95.9	96.5	97.1	98.0	98.7	98.8	98.8	98.8	98.8	
GE 600	96.0	96.7	97.2	98.1	98.8	98.9	98.9	98.9	98.9	
GE 500	96.0	96.7	97.2	98.7	99.4	99.6	99.6	99.6	99.6	
GE 400	96.0	96.7	97.2	98.7	99.4	99.6	99.6	99.6	99.6	
GE 300	96.0	96.7	97.2	98.7	99.4	99.6	99.7	99.7	99.7	
GE 200	96.0	96.7	97.2	98.7	99.4	99.6	99.7	99.7	99.7	10
GE 100	96.0	96.7	97.2	98.7	99.4	99.6	99.7	99.7	99.7	10
GE 000	96.0	96.7	97.2	98.7	99.4	99.6	99.7	99.7	99.7	10

TOTAL NUMBER OF OBSERVATIONS   900

ρ   D - 2 - 46

WINSTON   PERIOD OF RECORD: JUN 76 - MAY 88
          MONTH: JUN   HOURS: 00-02

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   F
                            LST TO UTC: + 8

CEILING						VISIBILITY IN STATUTE MILES			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	39.5	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 20000	42.3	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 18000	42.3	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	42.3	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 14000	42.3	43.4	43.3	43.9	43.9	43.9	43.9	43.9	43.9
GE 12000	44.1	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 10000	46.9	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 9000	47.0	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 8000	50.2	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 7000	51.1	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 6000	51.8	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 5000	53.1	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 4500	62.7	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0
GE 4000	69.5	70.1	70.7	70.8	70.8	70.8	70.8	70.8	70.8
GE 3500	74.7	75.4	75.8	76.2	76.3	76.3	76.3	76.3	76.3
GE 3000	77.9	78.3	79.3	79.7	79.8	79.8	79.8	79.8	79.8
GE 2500	82.3	83.4	84.2	84.7	84.8	84.8	84.8	84.8	84.8
GE 2000	87.7	87.1	90.2	90.7	90.9	90.9	90.9	90.9	90.9
GE 1800	88.3	89.8	90.9	91.3	91.6	91.6	91.6	91.6	91.6
GE 1500	91.2	92.7	93.8	94.4	94.7	94.7	94.7	94.7	94.7
GE 1200	92.2	93.7	94.9	95.4	95.7	95.7	95.7	95.7	95.7
GE 1000	92.8	94.2	95.8	96.4	96.7	96.7	96.7	96.7	96.7
GE 900	93.1	94.6	96.1	96.3	97.0	97.1	97.1	97.1	97.1
GE 800	93.1	94.6	96.1	96.3	97.0	97.1	97.1	97.1	97.1
GE 700	93.6	95.0	96.6	97.2	97.4	97.6	97.6	97.6	97.6
GE 600	93.8	95.3	97.1	97.8	98.0	98.1	98.1	98.1	98.1
GE 500	94.0	95.6	97.6	98.2	98.4	98.6	98.7	98.8	98.8
GE 400	94.2	95.8	97.8	98.7	98.9	99.1	99.2	99.3	99.3
GE 300	94.3	95.9	98.0	98.8	99.0	99.2	99.3	99.4	99.4
GE 200	94.3	95.9	98.0	98.8	99.0	99.2	99.3	99.4	99.4
GE 100	94.3	95.9	98.0	98.8	99.0	99.2	99.4	99.7	99.7
GE 000	94.3	95.9	98.0	98.8	99.0	99.2	99.4	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS   900

A   D - 2 - 47

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: JUN   HOURS: 03-05

`/` IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
9.4	39.4	39.4	39.5	39.5	39.6	39.6	39.5	39.6	39.6
3.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
3.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
3.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
3.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
5.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
7.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
8.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
1.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
2.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
2.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
9.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
4.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
0.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
5.3	75.3	75.3	76.4	76.4	76.4	76.4	76.4	76.4	75.4
9.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
4.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
0.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
4.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
5.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
6.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
7.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
7.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
7.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
8.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
8.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
9.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
9.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
						VISIBILITY IN STATUTE MILES			
NO CEIL	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000	38.3	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 18000	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 15000	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 14000	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 12000	40.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 10000	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 9000	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 8000	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 7000	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 6000	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 5000	56.7	56.3	56.3	57.1	57.1	57.1	57.1	57.1	57.1
GE 4500	61.1	61.2	61.2	61.5	61.6	61.6	61.6	61.6	61.6
GE 4000	67.1	67.2	67.3	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	71.8	71.9	72.1	72.6	72.7	72.8	72.8	72.8	72.8
GE 3000	75.9	76.1	76.8	77.3	77.4	77.5	77.6	77.6	77.6
GE 2500	81.1	81.3	82.4	83.1	83.2	83.3	83.3	83.3	83.3
GE 2000	85.3	85.8	87.4	88.1	88.7	88.8	89.0	89.0	89.0
GE 1800	86.8	87.0	88.4	89.1	89.7	89.8	90.0	90.0	90.0
GE 1500	88.7	88.9	91.4	92.2	92.8	92.9	93.1	93.2	93.2
GE 1200	90.7	91.0	92.5	93.4	94.0	94.1	94.3	94.4	94.4
GE 1000	92.0	92.4	94.2	95.1	95.9	96.0	96.2	96.3	96.3
GE 900	92.0	92.4	94.2	95.1	96.0	96.2	96.4	96.6	96.6
GE 800	92.3	92.8	94.6	95.4	96.3	96.7	96.9	97.1	97.1
GE 700	92.4	92.9	94.8	95.7	96.6	96.9	97.1	97.3	97.3
GE 600	92.4	92.9	94.8	96.0	97.1	97.4	97.7	97.9	97.9
GE 500	92.5	93.1	95.0	96.4	97.6	98.0	98.3	98.6	98.6
GE 400	92.7	93.2	95.2	96.8	97.9	98.3	98.7	98.9	98.9
GE 300	92.7	93.2	95.2	96.8	98.0	98.6	99.0	99.2	99.2
GE 200	92.7	93.2	95.2	96.8	98.0	98.6	99.0	99.2	99.2
GE 100	92.7	93.2	95.2	96.8	98.0	98.6	99.0	99.2	99.2
GE 000	92.7	93.2	95.2	96.8	98.0	98.6	99.0	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS   900

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HINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
             MONTH: JUN HOURS: 06-09

. . . .

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	34.5	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7
9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4
4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6
9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
7	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	34.8	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	39.0	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6
GE 18000	39.2	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 16000	39.4	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0
GE 14000	40.7	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
GE 12000	41.8	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	43.2	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8
GE 9000	43.2	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8
GE 8000	46.1	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7
GE 7000	46.8	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 6000	48.0	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7
GE 5000	51.0	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7
GE 4500	53.8	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4
GE 4000	60.6	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 3500	69.6	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	77.3	77.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	85.7	86.3	86.9	87.1	87.2	87.6	87.6	87.6	87.6
GE 2000	89.4	90.1	90.9	91.1	91.4	91.9	91.9	91.9	91.9
GE 1800	90.3	91.0	91.8	92.0	92.3	92.7	92.8	92.8	92.8
GE 1500	93.1	93.8	94.7	95.0	95.4	95.8	95.9	95.9	95.9
GE 1200	94.8	95.4	96.6	96.9	97.3	97.7	97.8	97.8	97.8
GE 1000	94.9	95.8	96.9	97.2	98.0	98.3	98.4	98.4	98.4
GE 900	94.9	95.8	97.0	97.3	98.1	98.4	98.6	98.6	98.6
GE 800	94.9	95.8	97.0	97.3	98.1	98.4	98.6	98.6	98.6
GE 700	94.9	95.8	97.4	97.9	98.8	99.2	99.3	99.3	99.3
GE 600	94.9	95.9	97.6	98.0	99.0	99.4	99.6	99.6	99.6
GE 500	94.9	95.9	97.5	98.0	99.1	99.6	99.8	99.8	99.8
GE 400	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 300	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 200	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 100	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 000	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS   900

A

SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                MONTH: JUN   HOURS: 09-11

IN STATUTE MILES

E 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
LST TO UTC: + 8   M

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	37.4	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 20000	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 18000	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 16000	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 14000	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 10000	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 8000	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 7000	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 6000	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 5000	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4500	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	70.7	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2
GE 3500	80.3	80.3	80.8	80.9	81.0	81.0	81.0	81.0	81.0
GE 3000	89.2	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0
GE 2500	93.3	94.0	94.0	94.3	94.4	94.6	94.6	94.6	94.6
GE 2000	94.7	95.3	95.6	95.8	96.0	96.1	96.1	96.1	96.1
GE 1800	94.9	95.6	95.8	96.1	96.2	96.3	96.4	96.4	96.4
GE 1500	95.3	96.4	97.0	97.4	97.6	97.8	97.9	97.9	97.9
GE 1200	95.2	96.9	97.7	98.1	98.2	98.4	98.6	98.6	98.6
GE 1000	96.2	96.9	97.7	98.2	98.6	98.8	99.0	99.0	99.0
GE 900	96.2	96.9	97.7	98.2	98.6	98.8	99.0	99.0	99.0
GE 800	96.4	97.1	97.9	98.4	98.8	99.0	99.2	99.2	99.2
GE 700	96.4	97.1	98.0	98.5	99.1	99.4	99.7	99.7	99.7
GE 600	96.4	97.1	98.0	98.6	99.1	99.4	99.7	99.7	99.7
GE 500	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 400	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 300	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 200	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 100	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 000	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS   900

B

D - 2 - 50

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                 MONTH: JUN   HOURS: 12-14

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
B	37.3	37.8	37.3	37.3	37.8	37.8	37.8	37.8	37.8
0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
3	46.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
2	46.2	45.2	45.2	45.2	46.2	46.2	46.2	46.2	46.2
7	45.7	45.7	45.7	45.7	46.7	46.7	46.7	46.7	45.7
0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING						VISIBILITY IN STATUTE MILES			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 18000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 16000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 14000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 12000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 10000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 9000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 7000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	68.9	63.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	81.1	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6
GE 3500	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2
GE 3000	93.1	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.8
GE 2500	95.0	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7
GE 2000	97.1	97.3	97.8	98.1	98.3	98.3	98.4	98.4	98.4
GE 1800	97.2	97.6	98.0	98.3	98.6	98.6	98.7	98.7	98.7
GE 1500	97.6	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2
GE 1200	97.6	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2
GE 1000	97.6	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2
GE 900	97.6	98.1	98.6	98.9	99.1	99.1	99.6	99.6	99.6
GE 800	97.7	98.2	98.7	99.0	99.2	99.2	99.7	99.7	99.7
GE 700	97.7	98.2	98.7	99.0	99.2	99.2	99.7	99.7	99.7
GE 600	97.7	98.2	98.7	99.0	99.2	99.2	99.7	99.7	99.7
GE 500	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 400	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 300	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 200	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 100	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 000	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   900

A

SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
              MONTH: JUN   HOURS: 15-17

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON   PE
                          LST TO UTC: + 8   MO

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.3	48.3	48.3	48.3	48.3	48.3	48.6	48.6	48.6
GE 20000	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9	52.9
GE 18000	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1
GE 16000	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1
GE 14000	55.7	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9
GE 12000	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.3
GE 10000	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6
GE 9000	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4
GE 8000	57.4	57.4	57.4	57.4	57.4	57.4	67.7	57.7	57.7
GE 7000	58.9	58.9	68.9	58.9	58.9	58.9	59.1	59.1	69.1
GE 6000	70.5	70.5	70.5	70.5	70.6	70.5	70.8	70.8	70.8
GE 5000	77.5	77.5	77.5	77.5	77.6	77.5	77.8	77.8	77.8
GE 4500	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7
GE 4000	87.3	87.3	87.4	87.5	87.6	87.5	87.6	87.8	87.8
GE 3500	92.2	92.2	92.3	92.5	92.5	92.6	92.8	92.8	92.8
GE 3000	95.0	95.0	95.2	95.4	95.4	95.4	95.7	95.7	95.7
GE 2500	97.0	97.1	97.5	97.3	97.9	97.9	98.1	98.1	98.1
GE 2000	97.3	97.4	97.9	98.1	98.2	98.2	98.4	98.4	98.4
GE 1800	97.4	97.5	98.0	98.3	98.3	98.3	98.6	98.6	98.6
GE 1500	97.5	97.7	98.1	98.4	98.4	98.4	98.7	98.7	98.7
GE 1200	97.5	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.0
GE 1000	97.5	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.0
GE 900	97.5	97.7	98.1	98.4	98.7	98.7	99.3	99.3	99.3
GE 800	97.5	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 700	97.6	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 600	97.5	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 500	97.5	97.7	98.1	98.5	98.9	99.0	99.7	99.7	99.7
GE 400	97.5	97.7	98.1	98.5	98.9	99.0	99.7	99.7	99.7
GE 300	97.5	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 200	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 100	97.6	97.7	98.1	98.5	98.9	99.0	99.7	99.7	99.7
GE 000	97.5	97.7	98.1	98.5	98.9	99.0	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS   900

A   D - 2 - 52

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON   PE
                            LST TO UTC: + 8   MC

CEILING						VISIBILITY IN STATUTE MILES			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	48.3	48.3	48.3	48.3	48.3	48.3	48.6	48.6	48.6
GE 20000	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9	52.9
GE 18000	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1
GE 16000	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1
GE 14000	55.7	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9
GE 12000	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.3
GE 10000	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6
GE 9000	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4
GE 8000	67.4	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.7
GE 7000	58.9	58.9	58.9	58.9	58.9	58.9	59.1	59.1	59.1
GE 6000	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8
GE 5000	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8
GE 4500	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7
GE 4000	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.8	87.8
GE 3500	92.2	92.2	92.3	92.6	92.6	92.6	92.8	92.8	92.8
GE 3000	95.0	95.0	95.2	95.4	95.4	95.4	95.7	95.7	95.7
GE 2500	97.0	97.1	97.5	97.9	97.9	97.9	98.1	98.1	98.1
GE 2000	97.3	97.4	97.9	98.2	98.2	98.2	98.4	98.4	98.4
GE 1800	97.4	97.5	98.0	98.3	98.3	98.3	98.6	98.6	98.6
GE 1500	97.5	97.7	98.1	98.4	98.4	98.4	98.7	98.7	98.7
GE 1200	97.5	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.0
GE 1000	97.5	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.0
GE 900	97.5	97.7	98.1	98.4	98.7	98.7	99.3	99.3	99.3
GE 800	97.5	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 700	97.6	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 600	97.5	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 500	97.5	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 400	97.5	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 300	97.5	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 200	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 100	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 000	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS   900

A   0 - 2 - 52

STATION NUMBER: 742053   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2-1/2	GE 2	GE 1 1/2	GE 1 1/4	
							VISIBILITY IN STATUTE MILES			
NO CEIL	53.4	53.4	53.4	53.4	53.7	53.7	53.3	53.8	53.8	
GE 20000	57.3	57.3	57.3	57.3	57.5	57.5	57.7	57.7	57.7	
GE 18000	57.5	57.6	57.6	57.6	57.3	57.3	57.3	57.3	57.9	
GE 16000	57.6	57.6	57.6	57.5	57.8	57.8	57.9	57.9	57.9	
GE 14000	58.7	58.7	58.7	58.7	58.9	58.9	59.0	59.0	59.0	
GE 12000	59.9	59.9	59.9	59.9	60.1	60.1	60.2	60.2	60.2	
GE 10000	62.4	62.4	62.4	62.4	62.7	62.7	62.8	62.8	62.8	
GE 9000	62.7	62.7	62.3	62.3	63.1	63.1	63.2	63.2	63.2	
GE 8000	67.7	67.7	67.7	67.7	67.9	67.9	68.0	68.0	68.0	
GE 7000	69.7	69.7	69.7	69.7	69.9	69.9	70.0	70.0	70.0	
GE 6000	70.7	70.7	70.7	70.7	70.9	70.9	71.0	71.0	71.0	
GE 5000	73.2	73.2	73.2	73.6	73.8	73.8	73.9	73.9	73.9	
GE 4500	82.4	82.4	82.4	82.9	83.0	83.0	83.1	83.1	83.1	
GE 4000	87.4	87.4	87.6	87.9	88.1	88.1	88.2	88.2	88.2	
GE 3500	91.9	92.0	92.2	92.6	92.8	92.8	92.9	92.9	92.9	
GE 3000	94.7	94.9	95.1	95.4	95.7	95.7	95.8	95.8	95.8	
GE 2500	95.7	95.9	96.2	96.5	96.9	96.9	97.0	97.0	97.0	
GE 2000	96.2	96.4	97.0	97.3	97.7	97.7	97.8	97.8	97.8	
GE 1800	96.2	96.4	97.0	97.3	97.9	97.9	98.0	98.0	98.0	
GE 1500	96.7	96.9	97.4	98.1	98.7	98.7	98.3	98.3	98.3	
GE 1200	96.8	97.0	97.6	98.2	98.9	98.9	99.0	99.0	99.0	
GE 1000	96.8	97.0	97.6	98.2	98.9	98.9	99.0	99.0	99.0	
GE 900	96.8	97.0	97.6	98.2	98.9	98.9	99.1	99.1	99.1	
GE 800	96.8	97.0	97.6	98.2	98.9	98.9	99.1	99.1	99.1	
GE 700	96.8	97.1	97.7	98.3	99.0	99.0	99.2	99.2	99.2	
GE 600	96.8	97.1	97.7	98.3	99.0	99.0	99.2	99.2	99.2	
GE 500	96.8	97.1	97.3	98.3	99.6	99.5	99.8	99.8	99.8	
GE 400	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	
GE 300	96.8	97.1	97.8	98.3	99.6	99.5	99.8	99.8	99.8	
GE 200	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	1
GE 100	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	1
GE 000	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	1

TOTAL NUMBER OF OBSERVATIONS   900

A

D - 2 - 53

...SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
  MONTH: JUN HOURS: 21-23

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742053   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	42.6	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9
GE 20000	47.2	47.4	47.5	47.5	47.6	47.5	47.6	47.6	47.6
GE 18000	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 15000	47.6	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9
GE 14000	48.7	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0
GE 12000	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1
GE 10000	52.4	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8
GE 9000	52.7	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1
GE 8000	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2
GE 7000	58.1	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
GE 6000	59.3	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7
GE 5000	64.9	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5
GE 4500	69.4	69.6	69.8	69.9	69.9	69.9	70.0	70.0	70.0
GE 4000	75.7	76.0	76.2	76.3	76.4	76.4	76.4	76.4	76.4
GE 3500	81.5	81.8	82.1	82.3	82.4	82.4	82.4	82.4	82.4
GE 3000	86.4	86.8	87.2	87.4	87.5	87.5	87.6	87.5	87.6
GE 2500	90.1	90.5	91.0	91.4	91.5	91.5	91.6	91.6	91.6
GE 2000	92.6	93.2	93.9	94.2	94.5	94.6	94.7	94.7	94.7
GE 1800	93.1	93.6	94.3	94.7	95.0	95.3	95.2	95.2	95.2
GE 1500	94.5	95.1	95.9	96.4	95.7	96.8	96.9	96.9	96.9
GE 1200	95.2	95.7	96.5	97.1	97.4	97.5	97.7	97.7	97.7
GE 1000	95.5	96.1	97.0	97.6	98.0	98.1	98.3	98.3	98.3
GE 900	95.5	96.1	97.0	97.6	98.1	98.3	98.5	98.5	98.5
GE 800	95.6	96.2	97.1	97.7	98.2	98.4	98.6	98.6	98.6
GE 700	95.7	96.3	97.3	97.9	98.4	98.6	98.8	98.9	98.9
GE 600	95.7	96.4	97.4	98.0	98.6	98.8	99.0	99.1	99.1
GE 500	95.7	96.4	97.5	98.3	99.0	99.2	99.4	99.5	99.5
GE 400	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.6	99.6
GE 300	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.7	99.7
GE 200	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.7	99.7 1
GE 100	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.7	99.7 1
GE 000	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.7	99.7 1

TOTAL NUMBER OF OBSERVATIONS 7200

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SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: JUN HOURS: ALL

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IN STATUTE MILES

E	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
.5	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7
.3	47.3	47.3	47.9	47.9	47.9	47.9	47.9	47.9	47.9
.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
.5	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
.5	87.5	87.6	87.5	87.5	87.6	87.6	87.6	87.6	87.6
.5	91.5	91.5	91.6	91.5	91.6	91.6	91.6	91.6	91.6
.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 3

CEILING IN FEET				VISIBILITY IN STATUTE MILES				
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	55.3	56.6	57.1	57.1	57.2	57.2	57.2	57.2	57.2
GE 20000	58.7	58.9	59.5	59.5	59.6	59.6	59.6	59.6	59.6
GE 18000	58.3	59.1	59.7	59.7	59.8	59.8	59.8	59.8	59.8
GE 16000	58.9	59.1	59.7	59.7	59.8	59.8	59.8	59.8	59.8
GE 14000	58.6	59.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4
GE 12000	60.2	60.4	61.1	61.1	61.2	61.2	61.2	61.2	61.2
GE 10000	62.4	62.6	63.2	63.2	63.3	63.3	63.3	63.3	63.3
GE 9000	62.3	62.5	63.2	63.2	63.3	63.3	63.3	63.3	63.3
GE 8000	65.9	66.1	66.9	66.9	67.0	67.0	67.0	67.0	67.0
GE 7000	66.9	67.1	67.8	67.8	68.0	68.0	68.0	68.0	68.0
GE 6000	68.0	68.2	68.9	68.9	69.0	69.0	69.0	69.0	69.0
GE 5000	72.5	72.7	73.5	73.5	73.7	73.7	73.7	73.7	73.7
GE 4500	74.3	75.1	75.9	75.9	76.0	76.0	76.0	76.0	76.0
GE 4000	78.2	78.4	79.2	79.2	79.4	79.4	79.4	79.4	79.4
GE 3500	82.9	83.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2
GE 3000	87.1	87.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5
GE 2500	89.5	89.7	90.6	90.6	90.9	90.9	90.9	90.9	90.9
GE 2000	92.5	92.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9
GE 1800	92.8	93.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2
GE 1500	94.4	94.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9
GE 1200	95.6	95.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2
GE 1000	97.4	97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2
GE 900	97.4	97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2
GE 800	97.7	98.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6
GE 700	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 600	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 500	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   930

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
:OM HOURLY OBSERVATIONS

HINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                     MONTH: JUL   HOURS: 00-02

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N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
                           LST TO UTC: + 8   M

| CEILING | | | | VISIBILITY IN STATUTE MILES | | | | |
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	43.4	44.5	44.9	44.9	45.2	45.2	45.3	45.3	45.3
GE 20000	45.2	46.2	46.7	46.7	46.9	46.9	47.0	47.0	47.0
GE 18000	45.3	45.3	45.3	45.3	47.0	47.0	47.1	47.1	47.1
GE 16000	45.3	45.3	46.3	46.3	47.0	47.0	47.1	47.1	47.1
GE 14000	45.3	47.8	48.3	48.3	48.5	48.5	48.6	48.6	48.5
GE 12000	48.4	49.5	49.9	49.9	50.1	50.1	50.2	50.2	50.2
GE 10000	51.4	52.5	52.9	52.9	53.1	53.1	53.2	53.2	53.2
GE 9000	51.5	52.7	53.1	53.1	53.3	53.3	53.4	53.4	53.4
GE 8000	54.4	55.5	56.0	56.0	56.2	56.2	56.5	56.5	56.5
GE 7000	55.1	56.2	56.7	56.7	56.9	56.9	57.1	57.1	57.1
GE 6000	55.8	58.0	58.4	58.4	58.6	58.6	58.8	58.8	58.8
GE 5000	61.2	62.4	62.8	62.9	63.1	63.1	63.3	63.3	63.3
GE 4500	64.5	65.8	66.2	66.3	66.6	66.6	66.8	66.8	66.8
GE 4000	68.3	69.5	69.9	70.0	70.2	70.2	70.4	70.4	70.4
GE 3500	71.2	72.4	72.8	72.8	73.1	73.1	73.3	73.3	73.3
GE 3000	74.5	75.9	76.5	76.7	77.0	77.0	77.2	77.2	77.2
GE 2500	77.7	79.2	79.8	80.0	80.3	80.3	80.5	80.5	80.5
GE 2000	80.5	82.2	82.7	82.9	83.2	83.2	83.4	83.5	83.5
GE 1800	81.2	82.7	83.2	83.4	83.8	83.8	84.0	84.1	84.1
GE 1500	85.3	87.3	88.0	88.2	88.5	88.5	88.7	88.8	88.8
GE 1200	87.6	89.1	89.8	90.0	90.3	90.3	90.5	90.6	90.6
GE 1000	90.0	91.5	92.2	92.4	92.7	92.7	92.9	93.0	93.0
GE 900	90.1	91.7	92.4	92.6	92.9	92.9	93.1	93.2	93.2
GE 800	91.3	92.9	93.7	93.9	94.2	94.3	94.5	94.6	94.6
GE 700	91.3	93.3	94.5	94.7	95.1	95.2	95.4	95.5	95.5
GE 600	92.5	94.6	95.6	96.0	96.6	96.7	96.9	97.0	97.0
GE 500	93.1	94.9	96.2	96.7	97.2	97.4	97.6	97.7	97.7
GE 400	93.2	95.2	96.8	97.2	98.1	98.3	98.6	98.7	98.7
GE 300	93.4	95.4	97.0	97.4	98.3	98.5	98.8	99.0	99.0
GE 200	93.4	95.4	97.0	97.5	98.4	98.6	98.9	99.1	99.1
GE 100	93.4	95.4	97.0	97.5	98.4	98.6	98.9	99.1	99.1
GE 000	93.4	95.4	97.0	97.5	98.4	98.6	98.9	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS   930

A   D - 2 - 56

INGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                MONTH: JUL   HOURS: 03-05

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	45.3	45.3	45.3	45.3	45.3	45.4	45.5	45.5	45.5
	47.0	47.0	47.0	47.0	47.0	47.1	47.2	47.2	47.2
	47.1	47.1	47.1	47.1	47.1	47.2	47.3	47.3	47.3
	47.1	47.1	47.1	47.1	47.1	47.2	47.3	47.3	47.3
	48.6	48.5	48.5	48.5	48.6	48.7	48.8	48.8	48.8
	50.2	50.2	50.2	50.2	50.2	50.3	50.4	50.4	50.4
	53.2	53.2	53.2	53.2	53.2	53.3	53.4	53.4	53.4
	53.4	53.4	53.4	53.4	53.4	53.5	53.7	53.7	53.7
	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7
	57.1	57.1	57.1	57.1	57.1	57.2	57.3	57.3	57.3
	58.8	58.8	58.8	58.8	58.8	58.9	59.0	59.0	59.0
	63.3	63.3	63.3	63.3	63.3	63.4	63.5	63.5	63.5
	66.8	66.8	66.8	66.8	66.8	66.9	67.0	67.0	67.0
	70.4	70.4	70.4	70.4	70.4	70.5	70.6	70.6	70.6
	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.5
	77.2	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.4
	80.5	80.5	80.5	80.5	80.5	80.6	80.8	80.8	80.8
	83.5	83.5	83.5	83.5	83.5	83.7	83.8	83.8	83.8
	84.1	84.1	84.1	84.1	84.1	84.2	84.3	84.3	84.3
	88.8	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.0
	90.6	90.6	90.6	90.6	90.6	90.8	90.9	90.9	90.9
	93.0	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.2
	93.2	93.2	93.2	93.2	93.2	93.3	93.4	93.4	93.4
	94.6	94.6	94.6	94.6	94.6	94.7	94.8	94.8	94.8
	95.5	95.5	95.5	95.5	95.5	95.6	95.7	95.7	95.7
	97.0	97.0	97.0	97.0	97.0	97.1	97.2	97.2	97.2
	97.7	97.7	97.7	97.7	97.7	97.8	98.0	98.0	98.0
	98.7	98.7	98.7	98.7	98.7	98.8	98.9	98.9	98.9
	99.0	99.0	99.1	99.2	99.2	99.4	99.5	99.5	99.5
	99.1	99.1	99.2	99.4	99.4	99.5	99.6	99.8	99.8
	99.1	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0
	99.1	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0

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STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING / VISIBILITY IN STATUTE MILES

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	36.2	36.6	36.9	36.9	37.0	37.1	37.1	37.1	37.1
GE 20000	38.6	38.9	39.2	39.2	39.4	39.5	39.5	39.5	39.5
GE 18000	38.7	39.0	39.4	39.4	39.5	39.6	39.6	39.6	39.6
GE 16000	39.2	39.5	39.9	39.9	40.0	40.1	40.1	40.1	40.1
GE 14000	39.8	40.1	40.4	40.4	40.5	40.6	40.6	40.6	40.6
GE 12000	40.6	41.0	41.3	41.3	41.4	41.5	41.5	41.5	41.5
GE 10000	43.5	43.9	44.2	44.2	44.3	44.4	44.4	44.4	44.4
GE 9000	44.4	44.7	45.1	45.1	45.2	45.3	45.3	45.3	45.3
GE 8000	47.2	47.5	47.8	48.0	48.1	48.2	48.2	48.2	48.2
GE 7000	48.5	48.8	48.2	48.4	48.5	48.5	48.5	48.5	48.5
GE 6000	49.6	49.9	50.3	50.4	50.5	50.6	50.6	50.6	50.6
GE 5000	55.2	55.7	56.1	56.2	56.3	56.5	56.5	56.5	56.5
GE 4500	57.7	58.5	58.9	59.0	59.1	59.2	59.2	59.2	59.2
GE 4000	61.2	61.9	62.4	62.5	62.7	62.8	62.8	62.8	62.8
GE 3500	63.3	64.5	64.9	65.1	65.3	65.4	65.4	65.4	65.4
GE 3000	66.6	67.3	67.8	68.0	68.2	68.3	68.3	68.3	68.3
GE 2500	69.5	70.3	70.9	71.0	71.3	71.4	71.5	71.5	71.5
GE 2000	73.5	74.3	74.8	75.3	75.6	75.7	75.8	75.8	75.8
GE 1800	74.5	75.3	75.8	76.3	76.7	76.8	76.9	76.9	76.9
GE 1500	78.3	79.0	79.7	80.2	80.5	80.6	80.8	80.9	80.9
GE 1200	82.3	83.1	83.8	84.3	84.8	84.9	85.2	85.2	85.2
GE 1000	84.5	85.4	85.2	85.3	87.3	87.4	87.5	87.6	87.6
GE 900	85.2	86.0	86.9	87.4	88.0	88.1	88.3	88.3	88.3
GE 800	86.2	87.2	88.2	88.9	89.8	89.9	90.2	90.2	90.2
GE 700	86.3	88.0	89.0	89.9	90.9	91.0	91.4	91.5	91.6
GE 600	87.5	88.8	89.9	91.0	92.0	92.4	92.9	93.1	93.2
GE 500	88.2	89.5	91.0	92.4	93.7	94.1	94.8	95.1	95.3
GE 400	88.5	89.8	91.3	92.8	94.7	95.3	96.1	96.3	96.5
GE 300	88.5	89.8	91.3	92.9	94.8	95.6	96.5	96.8	97.1
GE 200	88.5	89.9	91.4	93.0	94.9	95.7	95.9	97.5	97.8
GE 100	88.5	89.9	91.4	93.0	94.9	95.7	95.9	97.5	97.8
GE 000	88.5	89.9	91.4	93.0	94.9	95.7	95.9	97.5	97.8

TOTAL NUMBER OF OBSERVATIONS 930

WASHINGTON		PERIOD OF RECORD: JUN 73 - MAY 88							
		MONTH: JUL	HOURS: 06-08						

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
94.4	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.8	95.9
95.1	95.3	96.5	97.1	97.2	97.2	97.2	97.2	97.4	97.5
96.5	96.8	97.1	97.7	97.8	98.0	98.1	98.1	98.3	98.4
96.9	97.5	97.8	98.9	99.0	99.2	99.4	99.4	99.6	99.7
96.9	97.5	97.8	98.9	99.0	99.2	99.4	99.5	99.7	99.9
96.9	97.5	97.8	98.9	99.0	99.2	99.5	99.5	99.8	100.0

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERV

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	42.4	42.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9
GE 20000	45.4	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9
GE 18000	45.5	45.8	45.9	46.1	46.1	46.1	46.1	46.1	46.1
GE 16000	45.8	46.0	46.1	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000	46.5	46.7	46.8	47.0	47.0	47.0	47.0	47.0	47.0
GE 12000	47.2	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7
GE 10000	49.8	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3
GE 9000	50.1	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6
GE 8000	52.5	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.0
GE 7000	53.3	53.5	53.7	53.9	53.9	53.9	53.9	53.9	53.9
GE 6000	53.4	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	57.5	57.7	58.0	58.2	58.3	58.3	58.3	58.3	58.3
GE 4500	58.7	58.9	59.1	59.4	59.5	59.5	59.5	59.5	59.5
GE 4000	60.9	61.1	61.3	61.5	61.6	61.6	61.6	61.6	61.6
GE 3500	65.5	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2
GE 3000	69.4	69.7	70.0	70.2	70.3	70.3	70.3	70.3	70.3
GE 2500	76.1	76.5	76.8	77.0	77.2	77.2	77.2	77.2	77.2
GE 2000	82.5	83.0	83.7	83.9	84.3	84.3	84.4	84.4	84.4
GE 1800	84.3	84.7	85.5	85.7	86.1	86.1	86.2	86.2	86.2
GE 1500	88.2	88.7	89.7	89.9	90.4	90.4	90.5	90.5	90.5
GE 1200	90.6	91.3	92.8	93.0	93.5	93.5	93.7	93.7	93.8
GE 1000	91.9	93.1	95.2	95.8	96.7	96.7	96.8	96.8	96.9
GE 900	92.2	93.9	96.0	96.3	97.7	97.7	97.8	97.8	98.0
GE 800	92.5	94.2	96.3	97.1	98.2	98.2	98.3	98.3	98.4
GE 700	92.6	94.3	96.7	97.4	98.6	98.6	98.8	98.8	98.9
GE 600	92.7	94.4	96.9	97.7	99.0	99.0	99.2	99.2	99.4
GE 500	92.9	94.6	97.1	98.2	99.5	99.5	99.7	99.7	99.8
GE 400	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0
GE 300	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0
GE 200	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0
GE 100	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0
GE 000	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS   930

SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                  MONTH: JUL   HOURS: 09-11

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IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON   P
                            LST TO UTC: + 8   M

CEILING						VISIBILITY IN STATUTE MILES			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 9000	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 7000	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 6000	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 5000	65.3	65.9	65.9	66.9	65.9	66.9	65.9	65.9	66.9
GE 4500	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	88.1	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	91.9	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	95.3	95.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 1800	96.2	97.1	97.5	97.5	97.6	97.6	97.5	97.6	97.6
GE 1500	97.3	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.0
GE 1200	98.0	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8
GE 1000	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 900	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 900	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 700	98.1	99.0	99.7	99.7	99.9	99	99.9	99.9	99.9
GE 600	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 500	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 400	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 300	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 200	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 100	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 000	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS   930

A

D - 2 - 59

INSTON			PERIOD OF RECORD: JUN 78 - MAY 88					
			MONTH: JUL HOURS: 12-14					

STATUTE MILES

GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
53.3	53.5	53.3	53.8	53.3	53.3	53.3	53.3	53.3
54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
54.8	54.8	54.0	54.8	54.8	54.8	54.8	54.8	54.8
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
66.9	66.9	66.9	56.9	66.9	67.0	67.0	67.0	67.0
71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON   PE...
LST TO UTC: + 8   MO...

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	5
GE 20000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	5
GE 18000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	5
GE 16000	53.5	53.5	53.5	53.5	53.5	56.5	53.5	53.5	53.5	5
GE 14000	53.1	53.1	53.1	59.1	59.1	59.1	53.1	59.1	53.1	5
GE 12000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	6
GE 10000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	5
GE 9000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	5
GE 8000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	5
GE 7000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	5
GE 6000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	7
GE 5000	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	7
GE 4500	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	
GE 4000	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	
GE 3500	87.5	87.5	87.6	87.7	87.8	87.8	87.8	88.0	88.0	
GE 3000	95.9	95.9	96.0	96.1	96.2	96.2	96.2	96.3	96.3	
GE 2500	97.5	97.5	97.7	97.8	98.0	98.0	98.0	98.1	98.1	
GE 2000	98.3	98.3	98.5	98.5	98.8	98.8	98.8	98.9	98.9	
GE 1800	98.5	98.5	98.7	98.8	99.0	99.0	99.0	99.1	99.1	
GE 1500	98.5	98.5	98.7	98.9	99.2	99.2	99.2	99.4	99.4	
GE 1200	98.5	98.5	98.7	98.9	99.2	99.2	99.4	99.5	99.5	
GE 1000	98.5	98.5	98.7	98.9	99.2	99.2	99.4	99.7	99.7	
GE 900	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 800	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 700	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 600	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 500	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 400	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 300	98.5	98.5	98.8	99.0	99.4	99.5	99.7	100.0	100.0	1
GE 200	98.5	98.5	98.8	99.0	99.4	99.5	99.7	100.0	100.0	1
GE 100	98.5	98.5	98.8	99.0	99.4	99.5	99.7	100.0	100.0	1
GE 000	98.5	98.5	98.8	99.0	99.4	99.5	99.7	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS   930

A

D - 2 - 60

SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                        MONTH: JUL   HOURS: 15-17

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IN STATUTE MILES

F 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
.5	53.5	53.5	58.5	58.5	53.5	58.5	58.5	53.5	53.5
.5	53.5	58.5	58.5	53.5	58.5	53.5	58.5	53.5	58.5
.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
.2	67.2	67.2	57.2	57.2	67.2	67.2	67.2	67.2	67.2
.2	68.2	58.2	58.2	53.2	68.2	58.2	68.2	68.2	68.2
.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
.8	88.0	88.0	82.0	88.0	88.0	88.0	88.0	88.0	88.0
.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON   PE
LST TO UTC: + 8   MO

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	VISIBILITY IN STATUTE MILES
NO CEIL	57.6	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	5
GE 20000	62.7	62.4	62.3	62.9	63.0	63.0	63.0	63.0	63.0	5
GE 18000	62.3	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	6
GE 16000	62.9	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	5
GE 14000	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	6
GE 12000	64.9	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	6
GE 10000	58.3	58.4	58.4	58.5	58.6	58.5	58.5	58.5	58.5	6
GE 9000	63.4	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	6
GE 8000	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	7
GE 7000	73.5	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	7
GE 6000	75.4	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	7
GE 5000	78.7	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	7
GE 4500	82.3	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	8
GE 4000	85.7	86.1	86.1	86.2	85.3	86.3	86.3	86.3	86.3	8
GE 3500	90.1	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	9
GE 3000	95.3	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	9
GE 2500	96.7	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	9
GE 2000	97.7	98.3	98.4	98.5	98.5	98.5	98.6	98.5	98.5	9
GE 1800	98.1	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	9
GE 1500	98.3	98.8	99.0	99.1	99.4	99.4	99.4	99.4	99.4	9
GE 1200	98.5	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	9
GE 1000	98.5	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	9
GE 900	98.6	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	9
GE 800	98.7	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	9
GE 700	98.7	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	9
GE 600	98.7	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.6	9
GE 500	98.7	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	9
GE 400	98.8	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	10
GE 300	98.8	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	10
GE 200	98.8	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	10
GE 100	98.8	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	10
GE 000	98.8	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS   930

A

D - 2 - 61

SHINGTON		PERIOD OF RECORD: JUN 78 - MAY 88							
		MONTH: JUL HOURS: 13-20							

IN STATUTE MILES

E	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
				VISIBILITY IN STATUTE MILES					
NO CEIL	61.7	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2
GE 20000	64.4	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8
GE 18000	64.4	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8
GE 16000	64.4	64.5	64.6	64.7	64.7	64.7	64.8	64.8	64.8
GE 14000	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1
GE 12000	66.7	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1
GE 10000	68.7	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1
GE 9000	68.9	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4
GE 8000	72.3	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7
GE 7000	73.5	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0
GE 6000	75.1	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5
GE 5000	78.9	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.4
GE 4500	82.0	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5
GE 4000	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8
GE 3500	88.8	89.0	89.0	89.2	89.2	89.2	89.4	89.4	89.4
GE 3000	92.5	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1
GE 2500	94.5	94.8	94.8	95.1	95.2	95.2	95.3	95.3	95.3
GE 2000	96.7	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.5
GE 1800	97.2	97.6	97.6	97.8	98.0	98.0	98.1	98.1	98.1
GE 1500	97.6	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.5
GE 1200	98.5	99.0	99.0	99.5	99.6	99.6	99.7	99.7	99.7
GE 1000	98.7	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8
GE 900	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8
GE 800	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8
GE 700	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8
GE 600	98.8	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9
GE 500	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 400	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 300	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 200	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 100	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 000	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   930

P

HINGTON   PERIOD OF RECORD: JUN 79 - MAY 88
                     MONTH: JUL   HOURS: 21-23

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   F

LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	VISIBILITY IN STATUTE MILES GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	49.9	50.2	50.4	50.5	50.5	50.5	50.6	50.6	50.6
GE 20000	53.3	53.6	53.8	53.9	53.9	53.9	54.0	54.0	54.0
GE 18000	53.5	53.8	54.0	54.1	54.1	54.1	54.2	54.2	54.2
GE 16000	53.5	53.9	54.1	54.2	54.2	54.2	54.3	54.3	54.3
GE 14000	54.5	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1
GE 12000	55.4	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1
GE 10000	58.2	58.5	58.7	58.8	58.8	58.8	58.9	58.9	58.9
GE 9000	58.6	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1
GE 8000	61.5	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4
GE 7000	62.5	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.4
GE 6000	63.9	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.6
GE 5000	68.1	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.0
GE 4500	71.1	71.5	71.8	71.8	71.9	71.9	72.0	72.0	72.0
GE 4000	74.5	74.9	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 3500	78.7	79.1	79.4	79.5	79.6	79.6	79.7	79.7	79.7
GE 3000	83.7	84.2	84.5	84.6	84.8	84.8	84.8	84.9	84.9
GE 2500	86.7	87.2	87.6	87.7	87.9	87.9	88.0	88.0	88.0
GE 2000	87.7	90.3	90.7	90.9	91.1	91.1	91.2	91.2	91.2
GE 1800	90.3	90.9	91.4	91.6	91.8	91.8	91.9	91.9	91.9
GE 1500	92.3	92.9	93.4	93.6	93.9	93.9	94.0	94.0	94.1
GE 1200	93.7	94.4	95.0	95.2	95.5	95.5	95.6	95.6	95.7
GE 1000	94.7	95.4	96.1	96.4	96.8	96.8	96.9	96.9	97.0
GE 900	94.8	95.7	96.4	96.7	97.1	97.1	97.2	97.2	97.2
GE 800	95.2	96.0	96.8	97.1	97.6	97.6	97.7	97.7	97.8
GE 700	95.4	96.3	97.1	97.5	97.9	97.9	98.1	98.1	98.2
GE 600	95.6	96.6	97.4	97.8	98.3	98.4	98.5	98.6	98.6
GE 500	95.8	96.7	97.6	98.1	98.7	98.7	98.9	99.0	99.0
GE 400	95.8	96.8	97.8	98.3	98.9	99.0	99.2	99.3	99.4
GE 300	95.9	96.8	97.8	98.3	99.0	99.1	99.3	99.4	99.5
GE 200	95.9	96.8	97.8	98.4	99.0	99.1	99.4	99.5	99.6
GE 100	95.9	96.8	97.8	98.4	99.0	99.1	99.4	99.6	99.6
GE 000	95.9	96.8	97.8	98.4	99.0	99.1	99.4	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 7440

B

...HINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
        MONTH: JUL HOURS: ALL

...N STATUTE MILES

	GE 1 1/2	GE 1 1/4	G. 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2
1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2
4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1
0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

D

STATION NUMBER: 742050 STATION NAME: MCCHORD AFB WASHINGTON P:

LST TO UTC: + 8 M

CEILING					VISIBILITY IN STATUTE MILES				
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	61.2	61.4	61.7	62.3	62.4	62.7	62.3	62.8	62.8
GE 20000	63.4	63.7	64.0	64.5	64.6	64.9	65.1	65.2	65.2
GE 18000	63.3	64.0	64.3	64.8	64.9	65.3	65.4	65.5	65.5
GE 16000	63.3	64.0	64.3	64.8	64.9	65.3	65.4	65.5	65.5
GE 14000	64.5	64.7	65.1	65.6	65.7	66.0	66.1	66.2	66.2
GE 12000	65.6	65.9	66.2	66.8	66.9	67.2	67.3	67.4	67.4
GE 10000	67.3	68.3	68.6	69.1	69.2	69.6	69.7	69.8	69.8
GE 9000	68.0	68.4	68.7	69.2	69.4	69.7	69.8	69.9	69.9
GE 8000	69.7	70.1	70.4	71.0	71.1	71.4	71.5	71.6	71.6
GE 7000	71.1	71.5	71.8	72.4	72.5	72.8	72.9	73.0	73.0
GE 6000	71.5	71.9	72.3	72.8	72.9	73.2	73.3	73.4	73.4
GE 5000	74.2	74.6	74.9	75.5	75.6	75.9	76.0	76.1	76.1
GE 4500	77.1	77.5	78.0	78.5	78.6	78.9	79.0	79.1	79.1
GE 4000	81.2	81.7	82.2	82.7	82.8	83.1	83.2	83.3	83.3
GE 3500	83.1	83.7	84.1	84.6	84.8	85.2	85.3	85.5	85.5
GE 3000	86.9	87.4	87.8	88.4	89.0	89.4	89.5	89.7	89.7
GE 2500	89.5	90.1	90.5	91.1	91.7	92.0	92.2	92.4	92.4
GE 2000	91.7	92.3	92.7	93.2	93.9	94.2	94.3	94.5	94.5
GE 1800	92.0	92.6	93.0	93.5	94.2	94.5	94.6	94.8	94.8
GE 1500	93.7	94.2	94.8	95.4	96.0	96.5	96.6	96.8	96.8
GE 1200	94.2	94.7	95.4	95.9	96.6	97.0	97.1	97.3	97.3
GE 1000	94.8	95.4	96.0	96.5	97.2	97.6	97.8	98.1	98.1
GE 900	94.8	95.5	96.1	96.7	97.4	97.8	98.1	98.3	98.3
GE 800	94.9	95.5	96.1	96.7	97.4	97.8	98.1	98.3	98.3
GE 700	95.3	95.8	96.5	97.0	97.7	98.2	98.4	98.6	98.6
GE 600	95.5	96.0	96.7	97.2	98.2	98.6	98.8	99.0	99.0
GE 500	95.6	96.1	96.8	97.4	98.5	98.9	99.1	99.4	99.4
GE 400	95.6	96.1	96.8	97.5	98.7	99.1	99.5	99.7	99.7
GE 300	95.7	96.2	96.9	97.6	98.8	99.2	99.6	99.8	99.8
GE 200	95.7	96.2	96.9	97.6	98.8	99.2	99.6	99.8	99.8
GE 100	95.7	96.2	96.9	97.6	98.8	99.2	99.6	99.8	99.8
GE 000	95.7	96.2	96.9	97.6	98.8	99.2	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

A 0 - 2 - 64

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 79 - MAY 88
                    MONTH: AUG   HOURS: 00-02

....
IN STATUTE MILES

E 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0

....

.3	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9
.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4
.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7
.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7
.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.5
.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6
.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0
.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1
.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.8
.9	73.0	73.0	73.0	73.0	73.1	73.1	73.	73.1	73.2
.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7
.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3
.0	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.4
.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5
.3	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7
.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9
.2	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6
.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7
.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1
.5	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	97.0
.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5
.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3
.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5
.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5
.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8
.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2
.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6
.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9
.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0

....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
LST TO UTC: + 8   M

CEILING IN FEET	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	48.7	49.2	49.5	50.1	50.4	50.6	50.9	50.9	50.9	
GE 20000	50.6	51.2	51.5	52.0	52.4	52.6	52.8	52.8	52.8	
GE 18000	50.7	51.4	51.7	52.3	52.6	52.8	53.0	53.0	53.0	
GE 16000	50.9	51.4	51.7	52.3	52.6	52.8	53.0	53.0	53.0	
GE 14000	51.5	52.0	52.4	52.9	53.2	53.4	53.7	53.7	53.7	
GE 12000	53.0	53.5	53.9	54.4	54.7	54.9	55.2	55.2	55.2	
GE 10000	54.7	55.3	55.6	56.1	56.5	56.7	56.9	56.9	56.9	
GE 9000	55.2	55.7	55.9	56.5	56.9	57.1	57.3	57.4	57.4	
GE 8000	57.0	57.5	57.8	58.4	58.7	58.9	59.1	59.2	59.2	
GE 7000	57.7	58.3	58.7	59.2	59.6	59.8	60.1	60.2	60.2	
GE 6000	58.2	58.7	59.1	59.7	60.0	60.2	60.5	60.8	60.8	
GE 5000	61.1	61.6	62.2	62.7	63.0	63.2	63.5	63.8	63.8	
GE 4500	64.5	65.1	65.5	66.1	66.5	66.7	67.0	67.2	67.2	
GE 4000	69.7	70.5	71.1	71.5	71.9	72.2	72.5	72.7	72.7	
GE 3500	72.7	73.5	74.1	74.5	74.9	75.2	75.6	75.8	75.8	
GE 3000	75.1	75.7	76.5	77.1	77.4	77.6	78.2	78.4	78.4	
GE 2500	78.6	79.4	80.2	80.8	81.1	81.3	81.8	82.0	82.0	
GE 2000	81.5	82.4	83.3	84.0	84.3	84.5	85.1	85.4	85.4	
GE 1800	82.2	83.0	84.0	84.5	84.9	85.2	85.7	86.0	86.0	
GE 1500	85.2	86.0	87.0	87.6	88.0	88.2	88.7	89.0	89.0	
GE 1200	85.6	86.5	87.4	88.1	88.4	88.6	89.1	89.5	89.5	
GE 1000	87.2	88.1	89.0	89.7	90.0	90.2	90.8	91.1	91.1	
GE 900	88.0	88.8	89.8	90.4	90.8	91.0	91.5	91.8	91.8	
GE 800	88.2	89.0	90.0	90.6	91.0	91.2	91.7	92.0	92.0	
GE 700	88.6	89.5	90.4	91.2	91.6	91.8	92.4	92.7	92.7	
GE 600	89.4	90.2	91.2	92.0	92.5	92.7	93.2	93.5	93.5	
GE 500	90.0	90.9	92.0	93.1	93.5	93.8	94.3	94.6	94.6	
GE 400	90.5	91.5	93.1	94.2	94.8	95.1	95.6	95.9	95.9	
GE 300	90.9	91.9	93.8	95.2	95.8	96.1	96.7	97.2	97.2	
GE 200	90.9	92.0	93.9	95.4	96.0	96.5	97.0	97.6	97.7	
GE 100	90.9	92.0	93.9	95.4	96.0	96.5	97.0	97.6	97.7	
GE 000	90.9	92.0	93.9	95.4	96.0	96.5	97.0	97.6	97.7	

TOTAL NUMBER OF OBSERVATIONS   930

IINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                 MONTH: AUG   HOURS: 03-05

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STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.2	51.2
	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1
	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.3
	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.3
	53.7	53.7	53.9	53.9	53.9	53.9	53.9	54.0	54.0
	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.5	55.5
	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.3	57.3
	57.4	57.4	57.7	57.8	57.8	57.8	57.8	58.0	58.0
	59.2	59.2	59.6	59.7	59.7	59.7	59.7	59.8	59.8
	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.8	60.8
	60.8	60.8	61.1	61.2	61.2	61.2	61.2	61.3	61.3
	63.8	63.8	64.1	64.2	64.2	64.2	64.2	64.3	64.3
	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.7	67.7
	72.7	72.7	73.0	73.1	73.1	73.1	73.1	73.2	73.2
	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.3	76.3
	78.4	78.4	78.8	78.9	78.9	78.9	78.9	79.0	79.0
	82.0	82.0	82.5	82.6	82.6	82.6	82.6	82.7	82.7
	85.4	85.4	85.8	85.9	85.9	85.9	85.9	86.0	86.0
	86.0	86.0	86.5	86.6	86.6	86.6	86.6	86.7	86.7
	89.0	89.0	89.5	89.6	89.6	89.6	89.6	89.7	89.7
	89.5	89.5	89.9	90.0	90.0	90.0	90.0	90.1	90..
	91.1	91.1	91.5	91.6	91.6	91.6	91.6	91.7	91.7
	91.8	91.8	92.3	92.4	92.4	92.4	92.4	92.5	92.5
	92.0	92.0	92.5	92.6	92.6	92.6	92.6	92.7	92.7
	92.7	92.7	93.1	93.2	93.2	93.2	93.2	93.3	93.3
	93.5	93.5	94.0	94.1	94.1	94.1	94.1	94.2	94.2
	94.6	94.6	95.1	95.2	95.2	95.2	95.2	95.3	95.3
	95.9	95.9	96.5	96.6	96.6	96.7	96.7	96.8	96.8
	97.2	97.2	97.7	98.0	98.0	98.1	98.1	98.3	98.3
	97.6	97.7	98.4	98.8	98.8	99.1	99.1	99.4	99.5
	97.6	97.7	98.4	98.9	98.9	99.4	99.4	99.6	99.8
	97.6	97.7	98.4	98.9	98.9	99.4	99.4	99.5	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	38.6	39.0	39.5	39.9	40.4	40.6	41.0	41.0	41.0
GE 20000	40.9	41.4	41.8	42.3	42.8	43.0	43.3	43.3	43.3
GE 18000	41.2	41.7	42.2	42.6	43.1	43.3	43.7	43.7	43.7
GE 16000	41.4	41.9	42.4	42.8	43.3	43.5	43.9	43.9	43.9
GE 14000	42.4	42.9	43.3	43.8	44.3	44.5	44.8	44.8	44.8
GE 12000	43.2	43.8	44.2	44.6	45.2	45.4	45.7	45.7	45.7
GE 10000	45.3	45.9	46.3	46.8	47.4	47.6	48.0	48.0	48.0
GE 9000	45.5	46.1	46.5	47.0	47.6	47.8	48.2	48.2	48.2
GE 8000	47.8	48.7	49.1	49.6	50.2	50.4	50.8	50.8	50.8
GE 7000	48.3	49.1	49.5	50.1	50.8	51.0	51.3	51.3	51.3
GE 6000	48.7	49.6	50.0	50.5	51.2	51.4	51.7	51.8	51.8
GE 5000	51.4	52.3	52.9	53.4	54.1	54.3	54.6	54.7	54.7
GE 4500	53.5	54.5	55.3	55.9	56.5	56.8	57.1	57.2	57.2
GE 4000	58.0	58.9	59.7	60.3	61.1	61.3	61.6	61.7	61.7
GE 3500	62.4	63.3	64.3	65.1	65.9	66.1	66.5	66.7	66.7
GE 3000	65.1	66.0	67.2	68.0	68.8	69.0	69.5	69.9	69.9
GE 2500	67.5	68.5	69.9	71.0	71.8	72.0	72.7	73.2	73.2
GE 2000	70.3	71.4	72.7	73.8	74.7	74.9	75.5	76.1	76.1
GE 1800	71.2	72.3	73.7	74.7	75.7	75.9	76.6	77.1	77.1
GE 1500	75.3	76.3	77.7	79.1	80.1	80.3	81.0	81.5	81.5
GE 1200	77.0	78.2	79.6	81.0	81.9	82.2	82.8	83.4	83.4
GE 1000	78.7	79.9	81.4	82.9	83.9	84.2	84.8	85.5	85.5
GE 900	79.2	80.4	82.0	83.7	84.6	84.9	85.7	86.3	86.3
GE 800	79.7	81.0	82.7	84.3	85.3	85.6	86.3	87.0	87.0
GE 700	80.5	81.8	83.8	85.4	86.3	86.7	87.4	88.2	88.2
GE 600	81.0	82.3	84.7	86.0	87.0	87.3	88.4	89.1	89.1
GE 500	81.3	82.6	85.1	86.8	88.1	88.4	89.5	90.3	90.3
GE 400	81.3	83.1	85.7	87.5	89.4	89.7	91.4	92.4	92.5
GE 300	81.8	83.2	86.1	88.1	90.5	90.9	93.1	94.4	94.5
GE 200	81.8	83.2	86.1	88.1	90.5	91.0	93.2	94.5	94.6
GE 100	81.8	83.2	86.1	88.1	90.5	91.0	93.2	94.5	94.6
GE 000	81.8	83.2	86.1	88.1	90.5	91.0	93.2	94.5	94.6

TOTAL NUMBER OF OBSERVATIONS   930

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WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: AUG. HOURS: 06-08

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IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
43.9	43.9	43.-	43.9	43.9	43.9	43.9	43.9	43.9	43.9
44.8	44.8	44.	44.8	44.8	44.8	44.8	44.8	44.8	44.8
45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0
54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9
57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4
61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9
66.5	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	67.0
69.6	69.9	69.9	6'	70.1	70.1	70.1	70.1	70.1	70.2
72.7	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5
75.5	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.5
76.6	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.4
81.0	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.8
82.0	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.8
84.3	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.9
85.7	86.3	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.8
86.3	87.0	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.6
87.4	88.2	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.8
88.4	89.1	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.8
89.5	90.3	90.3	90.9	91.2	91.2	91.2	91.2	91.2	91.3
91.4	92.4	92.5	93.0	93.4	93.4	93.4	93.4	93.4	93.5
93.1	94.4	94.5	95.6	96.1	96.1	96.5	96.5	96.5	96.6
93.2	94.5	94.6	96.0	97.2	97.3	98.0	98.4	98.9	99.4
93.2	94.5	94.6	96.0	97.3	97.4	98.2	98.7	99.2	99.9
93.2	94.5	94.6	96.0	97.3	97.4	98.2	98.7	99.4	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 5	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	45.1	45.3	46.0	46.3	46.3	46.3	46.5	46.5	46.5
GE 20000	48.7	48.9	49.7	50.0	50.0	50.0	50.1	50.1	50.1
GE 18000	48.4	48.5	50.3	50.6	50.6	50.6	50.8	50.8	50.8
GE 16000	48.4	48.6	50.3	50.6	50.6	50.6	50.8	50.8	50.8
GE 14000	50.4	50.6	51.4	51.7	51.7	51.7	51.8	51.8	51.8
GE 12000	50.9	51.1	51.8	52.2	52.2	52.2	52.3	52.3	52.3
GE 10000	52.7	52.9	53.9	54.3	54.3	54.3	54.4	54.4	54.4
GE 9000	52.7	52.9	53.9	54.3	54.3	54.3	54.4	54.4	54.4
GE 9000	54.7	54.9	55.9	56.3	56.3	56.3	56.5	56.5	56.5
GE 7000	55.4	55.6	56.6	57.0	57.0	57.0	57.1	57.1	57.1
GE 6000	55.7	55.9	56.9	57.3	57.4	57.4	57.5	57.5	57.5
GE 5000	59.1	59.4	60.3	60.8	61.0	61.0	61.1	61.1	61.1
GE 4500	59.4	59.5	61.9	62.4	62.6	62.6	62.7	62.7	62.7
GE 4000	63.1	63.4	64.6	65.2	65.4	65.4	65.5	65.5	65.5
GE 3500	67.0	67.3	68.7	69.2	69.5	69.5	69.6	69.6	69.6
GE 3000	72.4	72.7	74.3	75.1	75.4	75 4	75.6	75.6	75.6
GE 2500	77.1	77.5	79.1	79.9	80.2	80.2	80.4	80.4	80.
GE 2000	80.5	81.2	82.9	83.7	84.0	84.0	84.2	84.2	84.
GE 1800	81.5	82.3	84.0	84.7	85.1	85.1	85.3	85.3	85.
GE 1500	85.2	85.9	88.0	88.7	89.1	89.1	89.5	89.5	89.
GE 1200	85.6	87.3	89.5	90.2	90.6	90.6	91.2	91.3	91.
GE 1000	88.3	89.2	91.5	92.5	93.0	93.0	93.5	93.7	93.
GE 900	88.3	89.6	91.8	92.9	93.7	93.7	94.5	94.6	94.
GE 800	88.3	89.8	92.3	93.3	94.2	94.2	95.1	95.3	95.
GE 700	88.4	90.0	92.7	93.9	94.8	94.8	96.0	96.3	96.
GE 600	88.4	90.1	93.1	94.5	95.5	95.5	97.1	97.4	97.
GE 500	88.4	90.1	93.3	94.7	96.2	96.2	98.0	98.4	98.
GE 400	88.4	90.1	93.4	94.9	96.5	96.5	98.3	98.7	98.
GE 300	88.4	90.1	93.4	94.9	96.6	96.6	98.4	98.9	99.
GE 200	88.4	90.1	93.4	94.9	96.6	96.6	98.4	98.9	99.
GE 100	88.4	90.1	93.4	94.9	96.6	96.6	98.4	98.9	99.
GE 000	88.4	90.1	93.4	94.9	96.6	96.6	98.4	98.9	99.

TOTAL NUMBER OF OBSERVATIONS   930

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FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
  FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                        MONTH: AUG   HOURS: 09-11

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TY IN STATUTE MILES
  GE   GE   GE   GE   GE   GE   GE   GE   GE   GE
   2   1 1/2   1 1/4   1   3/4   5/8   1/2   3/8   1/4   0

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GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
96.0	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
97.1	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
98.0	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0
99.3	99.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
98.4	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.4	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.4	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0
98.4	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6
GE 18000	58.3	53.0	53.1	59.2	53.2	59.2	59.2	59.2	59.2
GE 16000	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	62.4	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	65.9	65.0	66.1	66.2	65.2	66.2	66.2	66.2	66.2
GE 7000	67.6	67.7	57.8	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	63.1	63.2	68.3	63.4	63.4	68.4	68.4	63.4	68.4
GE 5000	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	52.3	33.0	33.2	93.4	83.4	33.4	83.4	83.4	83.4
GE 3000	87.5	87.7	88.2	98.5	88.5	98.5	88.5	98.5	88.5
GE 2500	91.3	91.6	92.2	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	93.7	94.0	94.5	95.2	95.3	95.3	95.3	95.3	95.3
GE 1800	94.9	95.3	95.0	96.5	96.7	96.7	96.7	96.7	96.7
GE 1500	96.0	96.5	97.4	38.0	98.3	98.4	98.5	98.5	95.5
GE 1200	96.3	95.9	98.0	98.5	98.9	99.0	99.2	99.2	99.2
GE 1000	96.3	96.9	98.0	98.5	99.0	99.1	99.5	99.8	99.8
GE 900	96.3	96.9	98.0	98.5	99.1	99.2	99.5	99.9	99.9
GE 800	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 700	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 600	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 500	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 400	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0
GE 300	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0
GE 200	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0
GE 100	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0
GE 000	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS   930

A

D - 2 - 69

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

S WASHINGTON　　　　　　PERIOD OF RECORD:　JUN 78 - MAY 83
　　　　　　　　　　　　MONTH: AUG　HOURS: 12-14
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ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET		VISIBILITY IN STATUTE MILES							
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	64.3	64.8	64.3	64.3	64.8	64.8	64.3	64.8	64.8
GE 16000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 9000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 8000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	77.7	77.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0
GE 4500	80.0	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5
GE 4000	84.6	84.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4
GE 3500	91.8	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7
GE 3000	96.2	96.5	97.0	97.0	97.1	97.1	97.1	97.1	97.1
GE 2500	97.0	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0
GE 2000	97.3	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 1800	97.5	97.8	98.5	98.6	98.7	98.7	98.7	98.7	98.7
GE 1500	97.7	98.2	98.5	99.0	99.4	99.5	99.5	99.5	99.5
GE 1200	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.7	99.7
GE 1000	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 900	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 800	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 700	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 600	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 500	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 400	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 300	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 200	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 100	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 000	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

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FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: AUG   HOURS: 15-17

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ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
58.1	58.1	58.1	58.1	58.1	58.1	58.1	58..	58.1	58.1
64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	76.5	76.5	76.5	76.5	76.6	76.5	76.5	76.5	76.5
GE 7000	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	81.2	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6
GE 4500	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	87.0	87.0	87.3	87.5	87.6	87.6	87.6	87.6	87.6
GE 3500	91.7	91.8	92.2	92.4	92.5	92.5	92.5	92.5	92.5
GE 3000	95.9	96.0	96.5	96.8	96.9	96.9	96.9	96.9	96.9
GE 2500	96.5	96.7	97.1	97.5	97.5	97.5	97.7	97.7	97.
GE 2000	97.5	97.5	98.2	98.6	98.7	98.7	98.8	98.8	98.
GE 1800	97.5	97.6	98.3	98.7	98.8	98.8	98.9	98.9	98.
GE 1500	98.2	98.3	98.9	99.4	99.5	99.5	99.6	99.6	99.
GE 1200	98.2	98.3	98.9	99.4	99.5	99.5	99.7	99.7	99.
GE 1000	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 900	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 800	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 700	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 600	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 500	98.3	98.4	99.0	99.5	99.5	99.6	99.9	99.9	99.
GE 400	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 300	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 200	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 100	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99
GE 000	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99

TOTAL NUMBER OF OBSERVATIONS   930

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D - 2 - 7

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY.
P IN HOURLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                  MONTH: AUG   HOURS: 18-20

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
3.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
7.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
7.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
3.4	58.4	58.4	58.4	68.4	58.4	68.4	68.4	68.4	65.4
0.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
2.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
4.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
4.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
5.5	75.5	75.5	76.5	76.6	76.6	76.5	76.6	76.6	75.5
7.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	75.1	78.1
81.6	81.6	31.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
84.3	84.3	34.3	34.3	84.3	84.3	84.3	84.3	84.3	84.3
37.6	37.6	67.6	37.6	87.6	87.6	87.6	87.6	87.6	87.6
92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                                LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	65.6	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65
GE 20000	69.1	69.1	69.2	69.2	69.5	69.5	69.5	69.5	69
GE 18000	69.1	69.1	69.2	69.2	69.5	69.5	69.5	69.5	69
GE 15000	69.4	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69
GE 14000	70.5	70.5	70.6	70.6	70.9	70.9	70.9	70.9	70
GE 12000	72.2	72.2	72.3	72.3	72.5	72.5	72.5	72.5	72
GE 10000	75.5	75.5	75.6	75.6	75.8	75.8	75.8	75.8	75
GE 9000	75.5	75.5	75.6	75.6	75.8	75.8	75.8	75.8	75
GE 8000	76.5	76.5	76.6	76.6	76.8	76.8	76.8	76.8	76
GE 7000	77.7	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78
GE 6000	78.2	78.3	78.5	78.5	78.7	78.7	78.7	78.7	78
GE 5000	80.8	80.9	81.1	81.2	81.4	81.4	81.4	81.4	81
GE 4500	83.7	83.9	84.1	84.2	84.5	84.5	84.5	84.5	84
GE 4000	87.1	87.3	87.5	87.6	88.1	88.1	88.1	88.1	88
GE 3500	90.1	90.3	90.5	90.8	91.2	91.2	91.2	91.2	91
GE 3000	93.7	93.9	94.1	94.3	95.1	95.1	95.2	95.2	95
GE 2500	94.9	95.2	95.4	95.6	96.3	96.3	96.5	96.5	96
GE 2000	95.5	95.7	96.0	96.2	97.0	97.0	97.1	97.1	97
GE 1800	96.5	96.7	97.1	97.3	98.1	98.1	98.2	98.2	98
GE 1500	97.3	97.6	98.1	98.3	99.0	99.0	99.2	99.2	99
GE 1200	97.3	97.6	98.1	98.3	99.0	99.0	99.2	99.2	99
GE 1000	97.4	97.7	98.2	98.4	99.1	99.1	99.4	99.4	99
GE 900	97.4	97.7	98.2	98.4	99.2	99.2	99.5	99.5	99
GE 800	97.4	97.7	98.2	98.4	99.2	99.2	99.5	99.5	99
GE 700	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 600	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 500	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 400	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 300	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 200	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 100	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 000	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99

TOTAL NUMBER OF OBSERVATIONS   930

ICY JF OCCURRENCE OF CEILING VERSUS VISIBILITY
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 89
                    MONTH: AUG   HOURS: 21-23

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IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
9.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
9.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
9.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
9.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
9.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
9.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
9.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
9.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742050   STATION NAME. MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	54.5	54.7	54.9	55.2	55.3	55.4	55.5	55.5	55.
GE 20000	57.9	58.1	58.3	58.6	58.7	58.8	58.9	58.9	58.
GE 18000	58.2	58.4	58.7	58.8	59.1	59.2	59.3	59.3	59.
GE 16000	58.5	58.7	58.9	59.2	59.3	59.4	59.5	59.5	59.
GE 14000	59.7	59.9	60.2	60.4	60.6	60.6	60.7	60.8	60.
GE 12000	61.1	61.3	61.5	61.8	61.9	62.0	62.1	62.1	62.
GE 10000	63.0	63.3	63.5	63.8	64.0	64.0	64.1	64.2	64.
GE 9000	63.2	63.4	63.7	64.0	64.1	64.2	64.3	64.3	64.
GE 8000	65.1	65.3	65.5	65.9	66.0	66.1	66.2	66.2	66.
GE 7000	66.1	66.4	66.7	67.0	67.1	67.2	67.3	67.4	67.
GE 6000	66.5	66.8	67.2	67.4	67.6	67.7	67.9	67.9	67.
GE 5000	69.5	69.9	70.3	70.5	70.8	70.9	71.0	71.0	71.
GE 4500	72.1	72.6	73.0	73.3	73.5	73.6	73.7	73.8	73.
GE 4000	76.1	76.6	77.0	77.3	77.6	77.7	77.8	77.8	77.
GE 3500	80.2	80.6	81.2	81.6	81.9	82.0	82.1	82.2	82.
GE 3000	84.1	84.5	85.2	85.6	86.0	86.1	86.3	86.4	86.
GE 2500	86.5	87.0	87.8	88.3	88.7	88.8	89.0	89.1	89.
GE 2000	88.5	89.0	89.8	90.4	90.8	90.9	91.1	91.2	91.
GE 1800	89.2	89.7	90.6	91.1	91.5	91.6	91.8	92.0	92.
GE 1500	91.1	91.6	92.6	93.2	93.7	93.8	94.1	94.2	94.
GE 1200	91.6	92.2	93.2	93.8	94.3	94.4	94.8	94.9	94.
GE 1000	92.4	93.0	94.0	94.7	95.2	95.3	95.7	95.9	95
GE 900	92.5	93.2	94.2	94.9	95.5	95.6	95.0	96.3	96
GE 800	92.6	93.3	94.4	95.1	95.7	95.8	96.2	96.5	96
GE 700	92.8	93.5	94.7	95.4	96.0	96.2	96.6	96.9	96
GE 600	93.0	93.7	94.9	95.7	96.4	96.5	97.0	97.3	97
GE 500	93.1	93.9	95.2	96.0	96.8	96.9	97.5	97.8	97
GE 400	93.3	94.0	95.4	96.2	97.1	97.3	98.0	98.3	98
GE 300	93.3	94.1	95.5	96.4	97.4	97.6	98.3	98.7	98
GE 200	93.3	94.1	95.6	96.5	97.5	97.6	98.4	98.8	98
GE 100	93.3	94.1	95.6	96.5	97.5	97.6	98.4	98.8	98
GE 000	93.3	94.1	95.6	96.5	97.5	97.6	98.4	98.8	98

TOTAL NUMBER OF OBSERVATIONS 7440

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WASHINGTON   PERIOD OF RECORD: JUN 79 - MAY 88
                       MONTH: AUG HOURS: ALL

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6
60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0
71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9
77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0
82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6
89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3
91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4
91.6	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4
94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
95.7	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
96.0	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5
96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2
97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
97.5	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
98.0	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
98.3	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
98.4	98.8	98.9	99.2	99.5	99.5	99.6	99.7	99.8	99.8
98.4	98.8	98.9	99.2	99.5	99.5	99.7	99.7	99.8	100.0
98.4	98.8	98.9	99.2	99.5	99.5	99.7	99.7	99.8	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: +8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	46.4	47.1	48.4	49.8	50.6	50.7	50.8	51.3	51.
GE 20000	48.2	48.9	50.2	52.1	52.9	53.0	53.1	53.7	53.
GE 18000	48.3	49.0	50.3	52.2	53.0	53.1	53.2	53.8	53.
GE 16000	48.3	49.0	50.3	52.2	53.0	53.1	53.2	53.8	53.
GE 14000	48.5	49.2	50.5	52.4	53.2	53.3	53.4	54.0	54.
GE 12000	49.6	50.2	51.6	53.4	54.2	54.3	54.4	55.0	55.
GE 10000	51.0	51.7	53.1	55.0	55.8	55.9	56.0	56.6	56.
GE 9000	51.5	52.2	53.7	55.5	56.3	56.4	56.5	57.1	57.
GE 8000	55.3	56.0	57.4	59.3	60.1	60.2	60.3	60.9	60.
GE 7000	57.1	57.8	59.3	61.2	62.2	62.3	62.4	63.0	63.
GE 6000	59.1	59.8	61.3	63.3	64.3	64.4	64.7	65.2	65.
GE 5000	63.3	64.3	66.3	67.9	68.9	69.0	69.2	69.8	69.
GE 4500	67.7	68.8	70.4	72.5	73.5	73.7	73.8	74.4	74.
GE 4000	70.7	72.0	73.7	75.3	77.0	77.1	77.3	77.9	77.
GE 3500	74.2	75.9	77.6	79.7	81.2	81.3	81.6	82.1	82.
GE 3000	77.9	79.5	81.3	83.4	85.2	85.3	85.6	86.1	86.
GE 2500	80.2	81.8	83.8	85.9	87.7	87.8	88.0	88.6	88.
GE 2000	82.2	83.9	85.8	87.9	89.5	89.9	90.1	90.7	90.
GE 1800	82.8	84.4	86.3	88.4	90.3	90.4	90.7	91.2	91.
GE 1500	84.4	86.1	88.1	90.4	92.3	92.4	92.7	93.2	93.
GE 1200	85.4	87.1	89.2	91.6	93.4	93.6	93.8	94.3	94.
GE 1000	85.7	87.3	89.4	91.8	93.8	93.9	94.1	94.7	94.
GE 900	86.1	87.8	89.9	92.2	94.2	94.3	94.5	95.2	95.
GE 800	86.2	87.9	90.0	92.3	94.3	94.4	94.7	95.3	95.
GE 700	86.6	88.2	90.3	92.7	94.7	94.8	95.0	95.7	95.
GE 600	86.8	88.4	90.7	93.0	95.1	95.2	95.6	96.2	96.
GE 500	86.8	88.4	90.8	93.3	95.5	95.7	96.0	96.7	96.
GE 400	86.8	88.4	90.8	93.5	96.0	96.1	96.4	97.2	97.
GE 300	86.8	88.4	90.8	93.6	96.0	96.1	96.4	97.2	97.
GE 200	86.8	88.4	90.8	93.6	96.1	96.2	96.6	97.3	97.
GE 100	86.8	88.4	90.8	93.6	96.1	96.2	96.6	97.3	97.
GE 000	86.8	88.4	90.8	93.6	96.1	96.2	96.6	97.3	97.

TOTAL NUMBER OF OBSERVATIONS   900

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WASHINGTON   PERIOD OF RECORD: JUN 75 - MAY 88
      MONTH: SEP   HOURS: 00-02

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
50.8	51.3	51.3	51.6	51.7	51.7	52.1	52.1	52.1	52.2
53.1	53.7	53.7	53.9	54.0	54.0	54.4	54.4	54.4	54.5
53.2	53.8	53.8	54.0	54.1	54.1	54.5	54.6	54.6	54.7
53.2	53.8	53.8	54.0	54.1	54.1	54.6	54.6	54.6	54.7
53.4	54.0	54.0	54.2	54.3	54.3	54.8	54.8	54.8	54.9
54.4	55.0	55.0	55.2	55.3	55.3	55.8	55.8	55.8	55.9
55.0	55.6	55.6	55.8	55.9	56.9	57.3	57.3	57.3	57.4
56.5	57.1	57.1	57.3	57.4	57.4	57.9	57.9	57.9	58.0
56.3	56.9	56.9	61.1	61.2	61.2	61.7	61.7	61.7	61.8
62.4	63.0	63.0	63.2	63.3	63.3	63.8	63.8	63.8	63.9
64.7	65.2	65.2	65.4	65.6	65.6	66.0	66.0	66.0	66.1
59.2	59.8	59.8	70.0	70.1	70.1	70.6	70.6	70.6	70.7
73.8	74.4	74.4	74.7	74.8	74.8	75.2	75.2	75.2	75.3
77.3	77.9	77.9	78.1	78.2	78.2	78.7	78.7	78.7	78.8
81.5	82.1	82.1	82.3	82.4	82.4	82.9	82.9	82.9	83.0
85.6	86.1	86.1	86.3	86.4	86.4	86.9	86.9	86.9	87.0
88.0	88.6	88.6	88.8	88.9	88.9	89.3	89.3	89.3	89.4
90.1	90.7	90.7	90.9	91.0	91.0	91.4	91.4	91.4	91.5
90.7	91.2	91.2	91.4	91.6	91.6	92.0	92.0	92.0	92.1
92.7	93.2	93.2	93.4	93.6	93.6	94.0	94.0	94.0	94.1
93.8	94.3	94.3	94.8	94.9	94.9	95.3	95.3	95.3	95.4
94.1	94.7	94.7	95.2	95.3	95.3	95.8	95.8	95.8	95.9
94.6	95.2	95.2	95.8	95.9	95.9	96.3	96.3	96.3	96.4
94.7	95.3	95.3	95.9	96.0	96.0	96.4	96.4	96.4	96.6
95.0	95.7	95.7	96.2	96.3	96.3	96.8	96.8	96.8	96.9
95.6	96.2	96.2	96.8	96.9	96.9	97.3	97.3	97.3	97.4
96.0	96.7	96.7	97.2	97.3	97.3	97.9	97.9	97.9	98.0
96.4	97.2	97.2	97.8	97.9	97.9	98.4	98.4	98.4	98.5
96.4	97.2	97.2	97.8	97.9	97.9	98.6	98.6	98.6	98.7
96.6	97.3	97.3	97.9	98.0	98.0	98.7	98.7	98.8	99.1
96.6	97.3	97.3	97.9	98.0	98.0	98.8	98.8	98.9	100.0
96.6	97.3	97.3	97.9	98.0	98.0	98.8	98.8	98.9	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 5	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	35.7	37.1	38.2	38.9	40.2	40.5	41.1	41.3	41
GE 20000	37.6	39.2	40.3	41.2	42.6	42.9	43.4	43.7	43
GE 18000	38.2	39.4	40.6	41.4	42.8	43.1	43.7	43.8	44
GE 16000	38.0	39.4	40.6	41.4	42.8	43.1	43.7	43.9	44
GE 14000	38.2	39.7	40.8	41.7	43.0	43.3	43.9	44.1	44
GE 12000	39.1	40.7	41.8	42.8	44.1	44.4	45.0	45.2	45
GE 10000	41.7	43.2	44.4	45.6	46.9	47.2	47.8	48.0	48
GE 9000	42.1	43.7	44.9	46.0	47.3	47.7	48.2	48.4	48
GE 8000	45.0	46.5	47.8	48.9	50.2	50.6	51.1	51.3	51
GE 7000	46.8	48.8	49.6	50.3	52.2	52.6	53.1	53.3	53
GE 6000	48.7	50.2	51.4	52.8	54.2	54.6	55.1	55.3	55
GF 5000	52.2	54.0	55.6	57.1	58.6	58.9	59.4	59.7	59
GE 4500	55.8	57.7	59.3	60.3	62.3	62.7	63.2	63.4	63
GE 4000	60.9	63.0	64.9	66.8	68.3	68.7	69.2	69.4	69
GE 3500	64.4	66.6	68.6	70.4	72.3	72.7	73.2	73.4	73
GE 3000	68.1	70.2	72.7	74.6	76.6	76.9	77.6	77.8	77
GE 2500	70.2	72.3	74.8	76.7	78.8	79.1	79.8	80.0	80
GE 2000	73.0	75.1	77.6	79.6	81.7	82.0	82.7	82.9	83
GE 1800	74.0	76.1	78.6	80.5	82.8	83.1	83.8	84.0	84
GE 1500	75.6	77.9	80.3	82.6	84.8	85.1	85.6	86.0	86
GE 1200	77.1	79.6	82.0	84.3	86.6	86.9	87.6	87.8	87
GE 1000	78.0	80.4	83.0	85.3	87.6	87.9	88.6	88.8	88
GE 900	78.4	80.9	83.4	85.8	88.0	88.3	89.1	89.4	89
GE 800	78.8	81.2	83.8	86.2	88.4	88.8	89.6	89.9	90
GE 700	79.3	81.8	84.3	86.8	89.0	89.3	90.1	90.4	90
GE 600	80.0	82.4	85.1	87.6	89.8	90.1	90.9	91.2	91
GE 500	80.2	82.7	85.6	88.0	90.7	91.0	91.8	92.1	92
GE 400	80.3	82.8	85.8	88.2	91.1	91.4	92.4	92.8	92
GE 300	80.3	82.9	85.9	88.3	91.6	91.9	93.2	93.8	93
GE 200	80.4	83.0	86.0	88.6	91.8	92.1	93.6	94.2	94
GE 100	80.4	83.1	86.1	88.8	92.1	92.4	94.1	94.8	94
GE 000	80.4	83.1	86.1	88.8	92.1	92.4	94.1	94.8	94

TOTAL NUMBER OF OBSERVATIONS   900

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
               MONTH: SEP   HOURS: 03-05

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
41.1	41.3	41.4	41.9	42.0	42.1	42.2	42.2	42.2	42.3
43.4	43.7	43.8	44.2	44.3	44.4	44.6	44.5	44.6	44.7
43.7	43.8	44.0	44.4	44.6	44.7	44.8	44.8	44.8	44.9
43.7	43.9	44.0	44.4	44.6	44.7	44.8	44.8	44.8	44.9
43.9	44.1	44.2	44.7	44.8	44.9	45.0	45.0	45.0	45.1
45.0	45.2	45.3	45.8	45.9	46.0	46.1	46.1	46.1	46.2
47.9	48.0	48.1	48.6	48.7	48.8	48.9	48.9	48.9	49.1
48.2	48.4	48.5	49.0	49.1	49.2	49.3	49.3	49.3	49.6
51.1	51.3	51.4	51.9	52.0	52.1	52.2	52.2	52.2	52.4
53.1	53.3	53.4	53.9	54.0	54.1	54.2	54.2	54.2	54.4
55.1	55.3	55.4	55.9	56.0	56.1	56.2	56.2	56.2	56.4
59.4	59.7	59.8	60.2	60.3	60.4	60.6	60.5	60.5	60.8
63.2	63.4	63.5	64.0	64.1	64.2	64.3	64.3	64.3	64.5
69.2	69.4	69.5	70.0	70.1	70.2	70.3	70.3	70.3	70.6
73.2	73.4	73.5	74.0	74.1	74.2	74.3	74.3	74.3	74.6
77.6	77.8	77.9	78.3	78.4	78.6	78.7	78.7	78.7	78.9
79.8	80.0	80.1	80.5	80.7	80.8	80.9	80.9	80.9	81.1
82.7	82.9	83.0	83.4	83.6	83.7	83.8	83.8	83.8	84.0
83.8	84.0	84.1	84.5	84.7	84.8	84.9	84.9	84.9	85.1
85.8	86.0	86.1	86.5	86.7	86.8	86.9	86.9	86.9	87.1
87.6	87.8	87.9	88.3	88.4	88.6	88.7	88.7	88.7	88.9
88.6	88.8	88.9	89.3	89.4	89.6	89.7	89.7	89.7	89.9
89.1	89.4	89.5	90.0	90.1	90.2	90.3	90.3	90.3	90.5
89.6	89.9	90.0	90.4	90.6	90.7	90.8	90.8	90.8	91.0
90.1	90.4	90.6	91.0	91.1	91.2	91.3	91.3	91.3	91.5
90.9	91.2	91.3	91.9	92.0	92.1	92.2	92.2	92.2	92.4
91.8	92.1	92.2	93.1	93.2	93.3	93.4	93.4	93.4	93.8
92.4	92.8	92.9	93.8	93.9	94.0	94.1	94.1	94.1	94.4
93.2	93.8	93.9	95.0	95.2	95.3	95.4	95.6	95.6	95.9
93.6	94.2	94.3	95.4	95.9	96.1	96.2	96.3	96.8	97.4
94.1	94.8	94.9	96.1	96.6	96.8	97.0	97.3	97.9	99.8
94.1	94.8	94.9	96.1	96.6	96.8	97.0	97.3	98.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	28.2	29.7	31.9	33.4	33.8	34.0	34.1	34.4	34.6
GE 20000	30.3	31.8	34.0	35.5	35.9	36.1	36.2	36.7	36.8
GE 18000	30.7	32.1	34.3	35.3	36.2	36.4	36.6	37.0	37.1
GE 16000	30.7	32.1	34.3	35.9	36.2	36.4	36.6	37.0	37.1
GE 14000	31.7	33.1	35.3	36.9	37.2	37.4	37.6	38.0	38.1
GE 12000	32.9	34.4	36.7	38.2	38.6	38.8	38.9	39.3	39.4
GE 10000	35.0	36.7	38.9	40.4	40.8	41.0	41.2	41.7	41.8
GE 9000	36.2	36.9	38.1	40.7	41.0	41.2	41.4	41.9	42.0
GE 8000	37.9	39.5	42.2	43.8	44.1	44.3	44.6	45.0	45.1
GE 7000	39.6	41.2	44.0	45.6	45.9	46.1	46.3	46.8	46.9
GE 6000	41.0	42.7	45.4	47.2	47.6	47.8	48.0	48.4	48.5
GE 5000	44.2	46.0	48.8	51.0	51.6	51.8	52.0	52.4	52.7
GE 4500	47.7	48.6	52.3	54.5	55.2	55.4	55.3	56.2	56.4
GE 4000	51.2	53.3	56.3	58.8	59.4	59.7	60.0	60.4	60.7
GE 3500	55.4	57.8	61.0	63.6	64.2	64.4	64.6	65.2	65.4
GE 3000	59.1	61.6	64.9	67.4	68.1	68.3	68.7	69.1	69.3
GE 2500	61.0	64.0	67.6	70.3	71.0	71.2	71.6	72.2	72.4
GE 2000	64.1	67.2	71.2	74.3	75.3	75.6	76.0	76.7	77.0
GE 1800	64.4	67.5	71.7	74.8	75.9	76.1	76.6	77.2	77.5
GE 1500	66.4	69.6	74.1	77.2	78.6	78.8	79.2	79.9	80.2
GE 1200	67.3	70.4	75.2	78.9	80.2	80.4	80.9	81.6	81.7
GE 1000	68.1	71.4	76.6	80.3	81.9	82.2	82.9	83.6	83.?
GE 900	68.2	71.7	76.8	80.5	82.1	82.4	83.1	83.8	84.?
GE 800	68.6	72.1	77.4	81.2	82.9	83.2	83.9	84.6	84.?
GE 700	68.7	72.2	77.8	81.6	83.8	84.1	84.3	85.6	85.?
GE 600	68.8	72.3	77.9	81.7	84.1	84.4	85.2	86.0	86.?
GE 500	68.9	72.8	78.4	82.2	85.0	85.4	86.2	87.1	87.?
GE 400	68.9	72.8	78.4	82.3	85.4	85.9	86.7	87.8	88.?
GE 300	69.0	72.9	78.6	82.4	85.6	86.0	87.2	88.8	89.?
GE 200	69.0	72.9	78.6	82.4	85.6	86.1	87.3	89.1	89.?
GE 100	69.0	72.9	78.6	82.4	85.6	86.1	87.3	89.1	89.?
GE 000	69.0	72.9	78.6	82.4	85.6	86.1	87.3	89.1	89.?

TOTAL NUMBER OF OBSERVATIONS   900

B   D - 2 - 7

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: SEP   HOURS: 06-08

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
34.1	34.4	34.6	35.2	35.3	35.3	35.7	35.8	36.6	37.2
35.2	35.7	36.3	37.4	37.6	37.6	37.9	38.0	38.9	39.6
35.6	37.0	37.1	37.8	37.9	37.9	38.2	38.3	39.2	39.9
35.6	37.0	37.1	37.8	37.9	37.9	38.2	38.3	39.2	39.9
37.6	38.0	38.1	38.8	38.9	38.9	39.2	39.3	40.2	40.9
38.9	39.3	39.4	40.1	40.2	40.2	40.6	40.7	41.6	42.2
41.2	41.7	41.8	42.4	42.6	42.6	42.9	43.0	43.9	44.8
41.4	41.9	42.1	42.7	42.8	42.8	43.1	43.2	44.1	45.0
44.5	45.0	45.1	45.8	45.9	45.9	46.2	46.3	47.2	48.1
45.3	46.3	46.9	47.5	47.7	47.7	48.0	48.1	49.0	49.9
48.0	48.4	48.5	49.2	49.3	49.3	49.7	49.8	50.7	51.6
52.0	52.4	52.7	53.4	53.6	53.6	53.9	54.0	54.9	55.8
55.3	56.2	56.4	57.2	57.3	57.3	57.7	57.8	58.7	59.6
60.0	60.4	60.7	61.4	61.6	61.6	61.9	62.0	62.9	63.8
64.6	65.2	65.4	66.2	66.3	66.3	66.7	66.8	67.7	68.6
68.7	69.1	69.3	70.1	70.2	70.2	70.6	70.7	71.6	72.4
71.6	72.2	72.4	73.2	73.3	73.3	73.7	73.8	74.7	75.6
76.0	76.7	77.0	77.8	77.9	77.9	78.2	78.3	79.2	80.1
76.6	77.2	77.6	78.3	78.4	78.4	78.8	78.9	79.8	80.7
79.2	79.9	80.2	81.0	81.1	81.1	81.4	81.6	82.4	83.3
80.9	81.6	81.9	82.7	82.8	82.8	83.1	83.2	84.1	85.0
82.9	83.6	83.9	84.7	84.8	84.8	85.1	85.2	86.2	87.1
83.1	83.8	84.1	84.9	85.0	85.0	85.3	85.4	86.4	87.3
83.9	84.6	84.9	85.9	86.0	86.0	86.3	86.4	87.4	88.3
84.3	85.6	85.9	86.9	87.0	87.0	87.3	87.4	88.4	89.3
85.2	86.0	86.3	87.3	87.6	87.6	87.9	88.0	89.0	90.0
86.2	87.1	87.6	88.6	88.9	88.9	89.2	89.4	90.6	91.7
86.7	87.8	88.3	89.4	89.8	89.8	90.2	90.4	91.6	92.9
87.2	88.9	89.3	90.9	91.8	91.8	92.6	93.1	94.2	95.8
87.3	89.1	89.7	91.4	92.4	92.4	93.4	94.6	96.1	98.1
87.3	89.1	89.7	91.4	92.7	92.7	93.7	94.8	96.5	99.8
87.3	89.1	89.7	91.4	92.7	92.7	93.7	94.8	96.6	100.0

0 - 2 - 75   6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	33.3	34.1	35.2	35.3	35.6	35.7	35.3	35.8	35
GE 20000	37.4	38.3	39.7	39.3	40.0	40.1	40.2	40.2	40
GE 18000	37.3	33.7	40.0	40.1	40.3	40.4	40.5	40.6	40
GE 16000	38.1	39.0	40.3	40.4	40.7	40.8	40.3	40.9	40
GE 14000	39.7	40.6	41.9	42.0	42.2	42.3	42.4	42.4	42
GE 12000	40.9	41.8	43.1	43.2	43.4	43.6	43.7	43.7	43
GE 10000	44.2	45.1	45.4	46.5	46.9	47.0	47.1	47.1	47
GE 9000	45.1	45.0	47.3	47.4	47.3	47.9	48.0	48.0	48
GE 8000	47.3	43.3	50.2	50.3	50.7	50.8	50.9	50.9	50
GE 7000	48.0	50.0	51.4	51.6	51.9	52.0	52.1	52.1	52
GE 6000	49.3	50.6	52.0	52.1	52.4	52.6	52.7	52.7	52
GE 5000	52.1	53.3	54.9	55.1	55.7	55.8	55.9	55.9	55
GE 4500	54.2	55.6	57.1	57.4	58.1	58.2	58.4	58.4	58
GE 4000	57.0	59.6	61.2	61.7	62.3	62.4	62.7	62.7	62
GE 3500	62.6	64.3	66.1	66.7	67.3	67.4	67.7	67.7	67
GE 3000	70.3	72.2	74.1	75.1	76.1	76.2	76.4	76.4	76
GE 2500	74.0	75.0	77.9	79.0	80.2	80.3	80.6	80.6	80
GE 2000	77.5	79.5	81.6	82.6	84.2	84.3	84.5	84.6	84
GE 1800	78.4	80.4	82.4	83.9	85.3	85.4	85.7	85.7	85
GE 1500	80.1	82.2	84.3	86.2	87.7	87.8	88.0	88.0	88
GE 1200	81.7	84.0	86.2	88.3	89.8	89.9	90.1	90.1	90
GE 1000	82.5	85.0	87.3	89.8	91.4	91.6	91.9	92.0	92
GE 900	82.5	85.2	87.6	90.0	91.7	91.8	92.1	92.2	92
GE 800	82.8	85.6	87.9	90.4	92.3	92.6	92.9	93.0	93
GE 700	82.9	85.8	88.1	90.8	93.1	93.3	93.8	94.0	94
GE 600	83.0	85.9	88.5	91.2	93.8	94.0	94.4	94.7	95
GE 500	83.2	86.3	89.1	91.9	94.4	94.7	95.9	96.3	96
GE 400	83.2	86.3	89.1	91.9	94.4	94.7	96.1	96.8	97
GE 300	83.2	86.3	89.1	91.9	94.7	94.9	96.3	97.1	97
GE 200	83.2	86.3	89.1	91.9	94.8	95.0	96.4	97.2	97
GE 100	83.2	86.3	89.1	91.9	94.8	95.0	96.4	97.2	97
GE 000	83.2	86.3	89.1	91.9	94.8	95.0	96.4	97.2	97

TOTAL NUMBER OF OBSERVATIONS 900

B

| WASHINGTON | | | | PERIOD OF RECORD: JUN 78 - MAY 88 |
| MONTH: SEP. HOURS: 09-11 | | | | |

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
40.5	40.6	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
95.9	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
96.1	96.9	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1
96.3	97.1	97.3	98.4	99.1	99.1	99.1	99.1	99.1	99.1
96.4	97.2	97.9	98.8	99.6	99.6	99.7	99.8	99.8	99.8
96.4	97.2	97.9	98.8	99.6	99.6	99.7	99.9	99.9	99.9
96.4	97.2	97.9	98.8	99.6	99.6	99.7	99.9	99.9	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MIL GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	42.2	42.7	43.2	43.2	43.4	43.4	43.4	43.4	43
GE 20000	48.4	49.0	49.6	49.3	50.0	50.0	50.0	50.0	50
GE 18000	48.7	49.2	49.8	50.0	50.2	50.2	50.2	50.2	50
GE 16000	48.7	49.2	49.8	50.0	50.2	50.2	50.2	50.2	50
GE 14000	50.2	50.8	51.3	51.6	51.8	51.8	51.8	51.8	51
GE 12000	51.7	52.2	52.8	53.0	53.2	53.2	53.2	53.2	53
GE 10000	54.2	54.8	55.3	55.6	55.8	55.8	55.8	55.8	55
GE 9000	55.0	55.6	56.1	56.3	56.6	56.6	56.6	56.6	56
GE 8000	56.3	56.9	57.6	57.9	58.1	58.1	58.1	58.1	58
GE 7000	57.8	58.3	59.0	59.3	59.6	59.6	59.6	59.6	59
GE 6000	59.1	59.7	60.3	60.7	60.9	60.9	60.9	60.9	60
GE 5000	62.7	63.4	64.1	64.4	64.7	64.7	64.7	64.7	64
GE 4500	65.2	66.3	67.2	67.5	67.9	67.9	67.9	67.9	67
GE 4000	70.4	71.0	72.0	72.3	72.7	72.7	72.7	72.7	72
GE 3500	74.9	75.8	77.0	77.4	77.8	77.9	77.9	77.9	77
GE 3000	83.3	84.7	86.4	87.0	87.4	87.6	87.7	87.7	87
GE 2500	87.6	89.1	91.0	91.6	92.0	92.1	92.2	92.3	92
GE 2000	89.4	91.1	93.4	94.0	94.6	94.7	94.8	94.9	94
GE 1800	89.8	91.6	93.9	94.4	95.0	95.1	95.2	95.3	95
GE 1500	91.0	92.9	95.3	96.1	97.0	97.1	97.2	97.3	97
GE 1200	91.3	93.4	95.9	96.8	97.7	97.8	97.9	98.0	98
GE 1000	91.6	93.7	96.2	97.1	98.2	98.3	98.4	98.5	98
GE 900	91.6	93.7	96.2	97.1	98.3	98.4	98.6	98.7	98
GE 800	91.6	93.7	96.2	97.1	98.3	98.4	98.6	98.7	98
GE 700	91.6	93.7	96.2	97.1	98.3	98.4	98.6	98.7	98
GE 600	91.6	93.7	96.2	97.1	98.3	98.4	98.6	98.9	99
GE 500	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99
GE 400	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99
GE 300	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99
GE 200	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99
GE 100	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99
GE 000	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99

TOTAL NUMBER OF OBSERVATIONS 900

WASHINGTON   PERIOD OF RECORD: JUN 76 - MAY 88
                    MONTH: SEP   HOURS: 12-14

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
92.2	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
94.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
95.2	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
97.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
98.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
98.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
98.6	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
98.8	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MIL GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	49.0	49.0	49.6	49.6	49.7	49.7	49.7	49.7	49
GE 20000	54.4	54.6	55.2	55.3	55.4	55.4	55.4	55.4	55
GE 18000	55.2	55.3	56.0	56.1	56.2	56.2	56.2	56.2	56
GE 16000	55.2	55.3	56.0	56.1	56.2	56.2	56.2	56.2	56
GE 14000	57.3	57.4	58.1	58.3	58.4	58.4	58.4	58.4	58
GE 12000	57.8	57.9	58.5	58.8	58.9	58.9	58.9	58.9	58
GE 10000	60.2	60.3	61.1	61.3	61.4	61.4	61.4	61.4	61
GE 9000	60.2	60.3	61.1	61.3	61.4	61.4	61.4	61.4	61
GE 8000	62.6	62.7	63.4	63.7	63.8	63.8	63.8	63.8	63
GE 7000	63.6	63.7	64.4	64.7	64.8	64.8	64.8	64.8	64
GE 6000	64.9	65.0	65.8	66.0	66.1	66.1	66.1	66.1	66
GE 5000	71.0	71.4	72.2	72.4	72.8	72.8	72.8	72.8	72
GE 4500	74.0	74.6	75.7	75.9	76.3	76.3	76.3	76.3	76
GE 4000	79.2	80.0	81.4	81.8	82.1	82.2	82.2	82.2	82
GE 3500	82.7	83.4	85.1	85.6	85.9	86.0	86.1	86.1	86
GE 3000	83.3	89.1	91.7	92.2	92.9	93.0	93.1	93.1	93
GE 2500	89.3	90.2	93.1	93.7	94.6	94.7	94.9	94.9	94
GE 2000	91.7	92.3	95.3	95.4	97.3	97.5	97.8	97.8	97
GE 1800	91.3	93.0	95.1	96.8	97.3	98.0	98.2	98.2	98
GE 1500	92.2	93.5	96.7	97.4	98.7	98.9	99.1	99.1	99
GE 1200	92.3	93.7	96.8	97.6	98.8	99.0	99.2	99.2	99
GE 1000	92.3	93.7	96.8	97.6	98.8	99.0	99.2	99.2	99
GE 900	92.4	93.8	96.9	97.3	99.0	99.2	99.4	99.4	99
GE 800	92.4	93.8	96.9	97.9	99.1	99.3	99.6	99.6	99
GE 700	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 600	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 500	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 400	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 300	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 200	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 100	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 000	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99

TOTAL NUMBER OF OBSERVATIONS   900

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WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
 MONTH: SEP HOURS: 15-17

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
63.8	63.3	63.8	63.3	63.8	63.8	63.8	63.8	63.8	63.8
64.8	54.8	64.8	54.8	54.8	64.8	64.8	54.8	64.8	64.8
66.1	66.1	66.1	66.1	56.1	66.1	56.1	66.1	66.1	66.1
72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
75.3	75.3	75.3	75.3	76.3	75.3	75.3	76.3	75.3	75.3
82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	55.9	56.1	56.9	56.9	56.9	56.9	56.9	57.0	57.
GE 20000	59.4	59.9	60.7	60.7	60.8	60.8	60.8	60.9	60.
GE 18000	59.7	60.1	60.9	60.9	61.0	61.0	61.0	61.1	61.
GE 16000	60.0	60.4	61.2	61.2	61.3	61.3	61.3	61.4	61.
GE 14000	60.7	61.3	62.1	62.1	62.2	62.2	62.2	62.3	62.
GE 12000	61.1	61.8	62.5	62.6	62.7	62.7	62.7	62.8	62.
GE 10000	63.0	63.7	64.7	64.8	64.9	64.9	64.9	65.0	65.
GE 9000	63.2	63.9	64.9	65.0	65.1	65.1	65.1	65.2	65.
GE 8000	65.1	65.3	67.8	67.9	68.0	68.0	68.0	68.1	68
GE 7000	66.9	67.5	68.5	68.7	68.8	68.8	68.8	68.9	68
GE 6000	68.3	69.0	70.0	70.1	70.2	70.2	70.2	70.3	70
GE 5000	73.3	74.1	75.2	75.3	75.4	75.4	75.4	75.6	75
GE 4500	77.0	77.8	78.9	79.0	79.1	79.1	79.1	79.2	79
GE 4000	81.0	81.9	83.0	83.3	83.4	83.4	83.4	83.6	83
GE 3500	84.3	85.8	87.1	87.6	87.7	87.7	87.7	87.9	87
GE 3000	88.1	89.2	90.6	91.6	91.9	91.9	92.1	92.3	92
GE 2500	89.7	90.8	92.3	93.4	94.0	94.0	94.2	94.4	94
GE 2000	91.4	92.8	94.5	95.8	95.4	95.4	96.7	95.9	96
GE 1800	91.8	93.1	94.9	96.1	96.8	96.8	97.0	97.2	97
GE 1500	92.3	94.1	95.9	97.2	98.0	98.0	98.2	98.4	98
GE 1200	93.0	94.3	96.1	97.4	98.2	98.2	98.6	98.8	98
GE 1000	93.1	94.4	96.2	97.6	98.3	98.3	99.0	99.2	99
GE 900	93.1	94.4	96.2	97.6	98.4	98.4	99.1	99.3	99
GE 800	93.1	94.4	96.3	97.7	98.6	98.6	99.2	99.4	99
GE 700	93.1	94.4	96.3	97.7	98.6	98.6	99.3	99.6	99
GE 600	93.1	94.4	96.3	97.7	98.6	98.6	99.4	99.7	99
GE 500	93.1	94.4	96.3	97.7	98.6	98.6	99.4	99.7	99
GE 400	93.1	94.4	96.3	97.7	98.6	98.6	99.4	99.7	99
GE 300	93.1	94.4	96.3	97.7	98.6	98.6	99.6	99.8	99
GE 200	93.1	94.4	96.3	97.7	98.6	98.6	99.6	99.8	99
GE 100	93.1	94.4	96.3	97.7	98.6	98.6	99.6	99.8	99
GE 000	93.1	94.4	96.3	97.7	98.6	98.6	99.6	99.8	99

TOTAL NUMBER OF OBSERVATIONS   900

| WASHINGTON | PERIOD OF RECORD: JUN 73 - MAY 88 |
| | MONTH: SEP   HOURS: 18-20 |

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TY IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0

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56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
51.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	55.4	55.8	56.9	57.2	57.6	57.7	57.9	57.9	57.
GE 20000	58.7	59.2	60.3	60.7	61.0	61.1	61.3	61.3	61.
GE 16000	59.1	59.4	60.6	60.9	61.2	61.3	61.6	61.6	61.
GE 15000	59.2	59.5	60.7	61.0	61.3	61.4	61.7	61.7	61.
GE 14000	59.6	59.9	61.0	61.3	61.7	61.8	62.0	62.0	62.
GE 12000	60.0	60.3	61.4	61.8	62.1	62.2	62.4	62.4	62.
GE 10000	61.5	61.9	63.0	63.3	63.7	63.8	64.0	64.0	64.
GE 9000	61.8	62.1	63.2	63.5	63.9	64.0	64.2	64.2	64.
GE 8000	65.0	65.3	66.4	66.8	67.2	67.3	67.5	67.6	67.
GE 7000	56.9	57.2	58.3	68.7	69.2	69.3	69.6	69.6	69.
GE 6000	67.9	68.2	69.3	69.7	70.2	70.3	70.6	70.6	70.
GE 5000	73.2	73.5	74.7	75.0	75.6	75.7	75.9	75.9	75.
GE 4500	75.6	76.3	78.0	78.3	78.9	79.0	79.2	79.2	79.
GE 4000	80.1	80.4	81.7	82.0	82.5	82.7	82.9	82.9	82.
GE 3500	84.4	84.8	86.0	86.3	86.9	87.0	87.2	87.2	87.
GE 3000	87.8	88.1	90.0	90.3	91.2	91.3	91.5	91.6	91.
GE 2500	88.2	88.7	90.7	91.0	92.0	92.1	92.3	92.3	92.
GE 2000	90.9	91.3	93.5	93.9	95.1	95.2	95.6	95.6	95.
GE 1800	91.1	91.5	93.8	94.2	95.6	95.7	96.0	96.0	96.
GE 1500	92.0	92.4	94.8	95.4	97.0	97.1	97.4	97.4	97.
GE 1200	92.2	92.7	95.2	95.0	97.7	97.8	98.1	98.1	98.
GE 1000	92.5	93.0	95.6	96.3	98.0	98.1	98.4	98.4	98.
GE 900	92.8	93.2	95.8	96.6	98.2	98.3	98.7	98.7	98.
GE 800	92.8	93.2	95.8	96.6	98.2	98.3	98.7	98.7	98.
GE 700	92.8	93.3	95.9	96.7	98.3	98.4	98.8	98.8	98.
GE 600	92.8	93.3	95.9	96.7	98.3	98.4	98.9	98.9	98
GE 500	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 400	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 300	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 200	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 100	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 000	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99

TOTAL NUMBER OF OBSERVATIONS   900

B

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PH WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                       MONTH: SEP   HOURS: 21-23

LITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6
64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
67.5	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8
69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8
70.5	70.5	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8
75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
92.3	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6
95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.9
99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING						VISIBILITY IN STATUTE MILE			
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1
NO CEIL	43.3	43.9	45.0	45.5	46.0	46.1	46.2	46.4	46.
GE 20000	46.9	47.5	48.3	49.4	49.8	49.9	50.1	50.2	50.
GE 18000	47.2	47.9	48.1	49.7	50.1	50.2	50.4	50.5	50.
GE 16000	47.3	48.0	49.2	49.8	50.2	50.3	50.5	50.6	50.
GE 14000	48.2	49.0	50.1	50.8	51.2	51.3	51.5	51.6	51.
GE 12000	49.1	49.9	51.1	51.7	52.2	52.3	52.4	52.6	52.
GE 10000	51.4	52.2	53.4	54.1	54.5	54.6	54.8	54.9	55.
GE 9000	51.8	52.6	53.8	54.5	54.9	55.0	55.2	55.4	55.
GE 8000	54.5	55.3	56.6	57.3	57.8	57.9	58.0	58.2	58.
GE 7000	55.7	56.8	58.1	58.8	59.3	59.4	59.6	59.8	59.
GE 6000	57.3	58.2	59.5	60.2	60.8	60.9	61.0	61.2	61.
GE 5000	61.5	62.5	63.9	64.3	65.4	65.5	65.7	65.8	65.
GE 4500	64.5	65.9	67.4	68.3	68.9	69.0	69.2	69.4	69.
GE 4000	68.9	70.2	71.8	72.9	73.5	73.6	73.8	74.0	74.
GE 3500	72.9	74.3	76.1	77.2	77.9	78.1	78.3	78.4	78.
GE 3000	77.9	79.3	81.5	82.7	83.7	83.8	84.1	84.3	84.
GE 2500	80.0	81.6	83.9	85.2	86.3	86.4	86.7	86.9	87.
GE 2000	82.5	84.2	86.7	88.1	89.3	89.5	89.8	90.0	90.
GE 1800	83.0	84.7	87.2	88.7	89.9	90.1	90.4	90.6	90.
GE 1500	84.3	86.1	88.7	90.3	91.8	91.9	92.2	92.4	92.
GE 1200	85.1	86.9	89.6	91.4	92.8	92.9	93.3	93.5	93.
GE 1000	85.5	87.4	90.1	92.0	93.5	93.7	94.1	94.3	94.
GE 900	85.7	87.6	90.3	92.2	93.8	93.9	94.3	94.6	94.
GE 800	85.8	87.7	90.5	92.4	94.0	94.2	94.6	94.9	95.
GE 700	85.9	87.9	90.7	92.6	94.4	94.6	95.0	95.3	95.
GE 600	86.1	88.0	90.9	92.8	94.7	94.8	95.3	95.7	95.
GE 500	86.1	88.2	91.2	93.1	95.0	95.3	95.9	96.3	96.
GE 400	86.1	88.2	91.2	93.2	95.2	95.4	95.1	96.6	96.
GE 300	86.2	88.2	91.2	93.2	95.3	95.5	96.3	96.9	97.
GE 200	86.2	88.2	91.2	93.2	95.4	95.6	96.4	97.0	97.
GE 100	86.2	88.3	91.2	93.3	95.4	95.6	96.5	97.1	97.
GE 000	86.2	88.3	91.2	93.3	95.4	95.6	96.5	97.1	97.

TOTAL NUMBER OF OBSERVATIONS 7200

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                          MONTH: SEP HOURS: ALL

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
45.2	46.4	46.4	46.5	46.6	46.6	46.7	46.8	46.8	47.0
50.1	50.2	50.3	50.4	50.5	50.5	50.6	50.6	50.7	50.8
50.4	50.5	50.5	50.8	50.8	50.8	50.9	50.9	51.0	51.2
50.5	50.6	50.7	50.8	50.9	50.9	51.0	51.0	51.1	51.3
51.5	51.6	51.7	51.8	51.9	51.9	52.0	52.0	52.1	52.3
52.4	52.5	52.6	52.8	52.8	52.8	52.9	53.0	53.1	53.2
54.8	54.9	55.0	55.2	55.2	55.2	55.3	55.3	55.4	55.6
55.2	55.4	55.4	55.5	55.6	55.6	55.7	55.8	55.9	56.0
58.0	58.2	58.2	58.4	58.5	58.5	58.6	58.6	58.7	58.9
59.6	59.8	59.8	60.0	60.0	60.0	60.1	60.2	60.3	60.4
61.0	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.7	61.9
65.7	65.8	65.9	66.1	66.1	66.1	66.3	66.3	66.4	66.5
69.2	69.4	69.4	69.7	69.7	69.7	69.8	69.8	69.9	70.1
73.8	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.5	74.7
78.3	78.4	78.5	78.7	78.8	78.8	78.9	78.9	79.0	79.2
84.1	84.3	84.3	84.5	84.6	84.6	84.7	84.7	84.8	85.0
86.7	86.9	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.7
89.8	90.0	90.1	90.3	90.3	90.4	90.5	90.5	90.6	90.8
90.4	90.6	90.7	90.9	91.0	91.0	91.1	91.1	91.2	91.4
92.2	92.4	92.5	92.8	92.8	92.8	92.9	92.9	93.0	93.2
93.3	93.5	93.6	93.8	93.9	93.9	94.0	94.0	94.1	94.3
94.1	94.3	94.4	94.7	94.7	94.7	94.8	94.8	95.0	95.1
94.3	94.6	94.7	95.0	95.0	95.0	95.1	95.1	95.3	95.4
94.6	94.9	95.0	95.3	95.4	95.4	95.5	95.5	95.6	95.8
95.0	95.3	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.2
95.2	95.7	95.8	96.2	96.2	96.2	96.3	96.3	96.5	96.6
95.9	96.3	96.4	96.8	96.9	96.9	97.0	97.1	97.2	97.4
96.1	96.6	96.8	97.2	97.3	97.4	97.5	97.5	97.7	97.9
96.3	96.9	97.1	97.7	97.9	97.9	98.1	98.2	98.3	98.6
96.4	97.0	97.2	97.8	98.2	98.2	98.4	98.5	98.9	99.2
96.5	97.1	97.3	97.9	98.3	98.3	98.6	98.8	99.1	99.9
96.5	97.1	97.3	97.9	98.3	98.3	98.6	98.8	99.1	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GF 6	G 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	28.1	30.5	33.2	71.9	40.5	40.9	43.0	43.5	44
GE 20000	29.2	32.0	34.6	38.4	42.4	42.7	44.9	45.5	46
GE 18000	29.2	32.0	34.6	38.4	42.4	42.7	44.9	45.5	46
GE 16000	29.2	32.0	34.6	38.4	42.4	42.7	44.9	45.5	46
GE 14000	29.5	32.3	34.8	38.6	42.6	42.9	45.2	45.7	46
GE 12000	30.3	33.1	35.7	39.5	43.4	43.8	46.0	46.5	47
GE 10000	33.7	36.5	39.1	42.9	47.3	47.6	49.9	50.5	51
GE 9000	33.9	36.3	39.4	43.1	47.6	48.0	50.2	50.9	51
GE 8000	35.5	38.4	41.0	44.9	49.7	50.0	52.3	52.9	53
GE 7000	37.2	40.2	43.3	47.4	52.2	52.5	54.7	55.4	56
GE 6000	38.6	41.5	44.7	48.8	53.5	53.9	56.1	56.8	57
GE 5000	43.0	46.1	49.5	53.5	58.6	58.9	61.4	62.0	62
GE 4500	45.2	48.4	52.0	56.1	61.2	61.5	64.0	64.6	65
GE 4000	48.3	52.2	55.3	60.5	65.8	66.1	68.8	69.5	70
GE 3500	52.3	55.7	59.9	64.2	69.6	69.9	72.7	73.3	74
GE 3000	55.3	58.7	63.2	67.5	73.1	73.4	76.7	77.5	78
GE 2500	57.3	60.8	65.5	69.9	75.7	76.0	79.4	80.2	80
GE 2000	59.7	63.4	68.4	73.0	78.9	79.2	82.6	83.4	83
GE 1800	59.9	63.5	68.6	73.2	79.4	79.7	83.0	83.9	83
GE 1500	60.3	64.5	69.5	74.5	80.6	81.0	84.3	85.2	85
GE 1200	61.0	64.7	69.9	74.8	81.0	81.3	84.6	85.5	85
GE 1000	61.2	64.9	70.1	75.1	81.2	81.5	85.1	85.9	8
GE 900	61.2	64.9	70.1	75.1	81.2	81.5	85.1	85.9	3
GE 800	61.3	65.1	70.3	75.3	81.5	81.8	85.4	86.2	8
GE 700	61.3	65.1	70.3	75.3	81.5	81.8	85.4	86.2	8
GE 600	61.3	65.1	70.4	75.4	81.7	82.0	85.9	86.8	8
GE 500	61.3	65.2	70.6	75.6	82.0	82.4	85.3	87.4	8
GE 400	61.3	65.2	70.8	75.7	82.2	82.5	85.5	87.5	8
GE 300	61.3	65.2	71.0	75.9	82.5	82.8	86.9	88.0	8
GE 200	61.3	65.2	71.0	75.9	82.5	82.8	86.9	88.0	3
GE 100	61.3	65.2	71.0	75.9	82.5	82.8	86.9	88.1	8
GE 000	61.3	65.2	71.0	75.9	82.5	82.8	86.9	88.1	8

TOTAL NUMBER OF OBSERVATIONS   930

8

| WASHINGTON | | PERIOD OF RECORD: | JUN 78 - MAY 88 | | | | | | |
| MONTH: OCT | | | HOURS: 00-02 | | | | | | |

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
43.0	43.5	44.2	45.9	46.3	46.3	46.6	47.0	47.4	48.2
44.9	45.5	46.1	47.9	48.3	48.3	48.5	48.9	49.4	50.1
44.9	45.5	46.1	47.3	48.3	48.3	48.5	48.9	49.4	50.1
44.9	45.5	46.1	47.8	48.3	48.3	48.5	48.9	49.4	50.1
45.2	45.7	46.3	48.1	48.5	48.5	48.7	49.1	49.6	50.3
46.0	46.5	47.2	48.9	49.4	49.4	49.6	50.0	50.4	51.2
49.9	50.5	51.2	52.9	53.3	53.3	53.5	54.0	54.4	55.2
50.2	50.9	51.5	53.2	53.7	53.7	53.9	54.3	54.7	55.5
52.3	52.9	53.5	55.3	55.7	55.7	55.9	56.3	56.8	57.5
54.7	55.4	56.0	57.7	58.2	58.2	58.4	58.8	59.2	60.0
56.1	56.8	57.4	59.1	59.6	59.6	59.8	60.2	60.6	61.4
61.4	62.0	62.7	64.4	64.8	64.8	65.1	65.5	65.9	66.7
64.0	64.6	65.3	67.0	67.5	67.5	67.7	68.2	68.6	69.4
68.3	69.5	70.1	71.8	72.4	72.4	72.6	73.0	73.4	74.2
72.7	73.3	74.0	75.7	76.2	76.2	76.5	76.9	77.3	78.1
76.7	77.5	78.2	79.9	80.4	80.4	80.6	81.1	81.5	82.3
79.4	80.2	80.9	82.5	83.2	83.2	83.4	83.9	84.3	85.1
82.6	83.4	84.1	85.8	86.6	86.6	86.8	87.2	87.6	88.4
83.0	83.9	84.5	86.2	87.0	87.0	87.2	87.6	88.1	88.8
84.3	85.2	85.8	87.5	88.3	88.3	88.5	88.9	89.4	90.1
84.6	85.5	86.1	87.8	88.6	88.6	88.8	89.2	89.7	90.4
85.1	85.9	86.6	88.3	89.0	89.0	89.2	89.7	90.1	90.9
85.1	85.9	86.6	88.3	89.0	89.0	89.2	89.7	90.1	90.9
85.4	86.2	86.9	88.5	89.4	89.4	89.6	90.0	90.4	91.2
85.4	86.2	86.9	88.6	89.4	89.4	89.6	90.0	90.4	91.2
85.9	86.8	87.4	89.2	90.0	90.0	90.2	90.6	91.1	91.8
86.3	87.4	88.1	89.9	90.8	90.8	91.0	91.4	91.8	92.6
86.5	87.5	88.2	90.0	90.9	90.9	91.3	91.7	92.2	92.9
86.9	88.0	88.6	90.6	91.5	91.5	91.9	92.4	92.8	93.5
86.9	88.0	88.6	90.9	91.8	91.8	92.5	92.9	93.3	94.3
86.9	88.1	88.7	91.1	92.3	92.3	92.9	94.1	95.1	99.0
85.9	88.1	88.7	91.1	92.3	92.3	92.9	94.1	95.1	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	20.9	22.6	24.8	27.2	29.8	30.4	32.0	32.8	33.
GE 20000	21.5	23.2	26.1	28.7	31.3	31.9	33.5	34.3	34.
GE 18000	21.5	23.3	26.2	28.8	31.4	32.0	33.7	34.4	34.
GE 16000	21.5	23.3	26.2	28.3	31.4	32.0	33.7	34.4	34.
GE 14000	22.5	24.2	27.1	29.7	32.3	32.9	34.6	35.4	35.
GE 12000	23.0	24.7	27.6	30.2	32.8	33.4	35.2	35.9	36.
GE 10000	24.9	26.7	29.8	32.5	35.1	35.7	37.4	38.2	38.
GE 9000	25.2	26.9	30.0	32.8	35.6	36.2	38.0	38.7	38.
GE 8000	27.1	29.0	32.3	35.1	37.8	38.5	40.2	41.0	41.
GE 7000	28.8	31.1	34.4	37.2	40.0	40.6	42.4	43.1	43.
GE 6000	30.9	33.1	36.5	39.2	42.0	42.7	44.4	45.2	45.
GE 5000	33.4	36.1	39.5	42.5	45.3	46.0	48.1	48.8	49.
GE 4500	38.1	40.4	43.9	46.9	49.7	50.4	52.5	53.2	53.
GE 4000	43.4	45.8	50.2	53.3	56.8	57.5	59.3	60.6	61.
GE 3500	46.0	48.6	53.0	56.1	59.8	60.6	62.9	63.8	64.
GE 3000	48.5	51.4	55.3	58.9	63.0	63.9	66.2	67.1	67.
GE 2500	50.1	53.0	57.5	60.6	64.8	65.7	68.2	69.0	69.
GE 2000	52.3	55.8	60.4	63.8	68.0	68.8	71.3	72.4	72.
GE 1800	53.3	56.3	61.2	64.5	68.7	69.6	72.0	73.1	73.
GE 1500	55.4	58.5	63.4	66.8	71.0	71.8	74.3	75.4	75.
GE 1200	55.7	58.8	63.8	67.1	71.3	72.2	74.6	75.7	76.
GE 1000	56.1	59.4	64.3	67.6	71.8	72.7	75.2	76.2	76.
GE 900	56.1	59.4	64.4	67.7	71.9	72.8	75.5	76.5	77.
GE 800	56.2	59.5	64.5	67.8	72.2	73.0	75.8	76.9	77.
GE 700	56.2	59.5	64.7	68.2	72.5	73.3	76.1	77.2	77.
GE 600	56.3	59.5	64.8	68.4	72.8	73.7	76.5	77.5	78.
GE 500	56.3	59.6	64.8	68.6	73.0	73.9	76.8	77.8	78.
GE 400	56.5	59.7	65.1	68.8	73.7	74.5	77.4	78.6	79.
GE 300	56.5	59.7	65.2	68.9	74.1	75.2	78.2	79.4	79.
GE 200	56.5	59.7	65.2	69.0	74.2	75.3	78.5	79.9	80.
GE 100	56.5	59.7	65.2	69.0	74.3	75.4	78.6	80.0	80.
GE 000	56.5	59.7	65.2	69.0	74.3	75.4	78.6	80.0	80.

TOTAL NUMBER OF OBSERVATIONS   930

A

D - 2 - 8

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                                MONTH: OCT   HOURS: 03-05

....
ITY IN STATUTE MILES

| GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
....

32.0	32.8	33.1	34.2	34.8	34.9	35.5	35.6	35.7	37.0
33.5	34.3	34.5	35.7	36.3	36.5	37.0	37.1	37.2	38.5
33.7	34.4	34.7	35.9	36.5	36.6	37.1	37.2	37.3	38.6
33.7	34.4	34.7	35.3	36.5	36.6	37.1	37.2	37.3	38.6
34.6	35.4	35.7	36.8	37.4	37.5	38.1	38.2	38.3	39.6
35.2	35.9	36.2	37.3	38.0	38.1	38.6	38.7	38.3	40.1
37.4	38.2	38.5	39.6	40.2	40.3	40.9	41.0	41.1	42.4
38.0	38.7	39.1	40.2	40.9	41.0	41.5	41.6	41.7	43.0
40.2	41.0	41.4	42.5	43.1	43.2	43.8	43.9	44.0	45.3
42.4	43.1	43.5	44.6	45.3	45.4	45.9	46.0	46.1	47.4
44.4	45.2	45.6	46.7	47.3	47.4	48.0	48.1	48.2	49.5
48.1	48.8	49.2	50.3	51.0	51.1	51.6	51.7	51.8	53.1
52.5	53.2	53.7	54.7	55.4	55.5	56.0	56.1	56.2	57.5
59.3	60.6	61.1	62.2	62.8	62.9	63.4	63.5	63.7	64.9
62.9	63.3	64.2	65.3	65.9	66.0	66.6	66.7	66.8	68.1
66.2	67.1	67.5	68.6	69.2	69.4	69.9	70.0	70.1	71.4
68.2	69.0	69.5	70.5	71.3	71.4	71.9	72.0	72.2	73.4
71.3	72.4	72.8	74.0	74.0	74.7	75.3	75.4	75.5	76.8
72.0	73.1	73.5	74.7	75.4	75.5	76.0	76.1	76.2	77.5
74.3	75.4	75.8	77.0	77.6	77.7	78.3	78.4	78.6	79.9
74.6	75.7	76.1	77.3	78.0	78.1	78.6	78.7	78.9	80.2
75.2	76.2	76.7	77.8	78.5	78.6	79.1	79.2	79.5	80.8
75.5	76.6	77.0	78.2	78.8	78.9	79.5	79.6	79.8	81.1
75.8	76.9	77.3	78.5	79.1	79.2	79.8	79.9	80.1	81.4
76.1	77.2	77.6	78.8	79.5	79.6	80.1	80.2	80.4	81.7
76.5	77.5	78.0	79.1	79.8	79.9	80.4	80.5	80.8	82.0
75.8	77.8	78.3	79.5	80.1	80.2	80.9	81.0	81.2	82.5
77.4	78.6	79.0	80.3	81.1	81.2	81.8	81.9	82.2	83.5
78.2	79.4	79.8	81.1	81.9	82.2	83.1	83.2	83.4	85.2
78.5	79.7	80.3	82.0	83.4	83.8	85.3	85.5	85.9	98.4
78.6	80.0	80.4	82.6	84.3	84.6	86.5	87.1	88.5	96.7
78.6	80.0	80.4	82.6	84.3	84.6	86.5	87.1	88.5	100.0
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O - 2 - 83   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	17.7	18.5	19.5	21.2	23.1	23.5	24.5	25.1	25
GE 20000	19.2	20.2	21.9	23.5	25.7	26.1	27.3	27.8	25
GE 18000	19.7	20.6	22.4	24.0	26.3	26.8	28.0	28.5	25
GE 15000	19.7	20.5	22.4	24.0	26.3	26.8	28.0	28.5	28
GE 14000	20.3	21.3	23.2	24.8	27.2	27.6	28.8	29.5	29
GE 12000	21.7	22.7	24.6	26.2	28.6	29.0	30.2	30.9	31
GE 10000	25.9	27.0	29.1	30.8	33.1	33.5	34.7	35.4	35
GE 9000	26.0	27.1	29.2	30.3	33.3	33.8	34.9	35.6	35
GE 9000	27.4	28.5	30.9	32.5	34.9	35.4	36.6	37.2	37
GE 7000	28.7	29.8	32.4	34.0	36.5	36.9	38.1	38.7	38
GE 6000	29.7	30.9	33.4	35.1	37.5	38.0	39.1	39.8	39
GE 5000	33.0	34.2	36.8	38.5	41.0	41.5	42.7	43.3	4
GE 4500	37.0	38.3	41.0	42.7	45.2	45.7	46.9	47.5	4
GE 4000	41.5	42.8	45.7	47.4	50.1	50.6	51.8	52.3	5
GE 3500	44.3	45.6	48.8	50.5	53.5	54.1	55.4	56.3	5
GE 3000	47.2	48.7	52.4	54.3	57.5	58.1	59.4	60.3	6
GE 2500	48.4	50.1	54.1	56.0	59.2	59.9	61.3	62.4	6
GE 2000	50.5	52.4	56.7	58.3	62.2	62.9	64.5	65.7	6
GE 1800	50.6	52.6	57.1	59.4	62.6	63.3	64.9	66.1	6
GE 1500	51.8	53.8	58.3	60.5	64.0	64.7	66.3	67.6	6
GE 1200	52.7	54.6	59.4	61.6	65.1	66.0	67.7	69.0	6
GE 1000	53.7	55.8	60.6	63.0	66.7	67.8	69.6	71.2	7
GE 900	53.8	55.9	61.0	63.3	67.1	68.3	70.1	71.7	7
GE 800	53.9	56.0	61.2	63.7	67.6	68.8	70.6	72.4	7
GE 700	54.0	56.1	61.3	64.1	68.2	69.4	71.2	73.0	7
GE 600	54.0	56.1	61.4	64.3	68.4	69.8	71.6	73.4	7
GE 500	54.1	56.2	61.6	64.5	68.8	70.2	72.0	74.1	7
GE 400	54.2	56.5	61.9	65.2	69.5	70.9	73.1	75.3	7
GE 300	54.2	56.5	61.9	65.2	69.6	71.1	73.5	76.0	7
GE 200	54.3	56.6	62.0	65.3	69.8	71.3	73.8	76.6	7
GE 100	54.3	56.6	62.0	65.3	69.9	71.4	74.0	77.0	7
GE 000	54.3	56.6	62.0	65.3	69.9	71.4	74.0	77.0	7

TOTAL NUMBER OF OBSERVATIONS   930

D - 2 -

JUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                         MONTH: OCT   HOURS: 06-08

· ·
Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
24.5	25.1	25.1	25.4	25.6	25.6	25.6	25.8	26.0	26.7
27.3	27.8	28.0	28.3	28.5	28.5	28.6	28.8	29.0	29.8
28.0	28.5	28.6	28.9	29.1	29.1	29.2	29.5	29.7	30.4
28.0	28.5	28.6	28.9	29.1	29.1	29.2	29.5	29.7	30.4
28.6	29.5	29.6	29.9	30.1	30.1	30.2	30.4	30.6	31.4
30.2	30.9	31.0	31.3	31.5	31.5	31.7	31.9	32.2	32.9
34.7	35.4	35.5	35.8	36.0	36.0	36.2	36.5	36.7	37.4
34.9	35.6	35.7	36.0	36.2	36.2	36.5	36.7	36.9	37.6
36.5	37.2	37.3	37.6	37.8	37.8	38.1	38.3	38.5	39.2
38.1	38.7	38.8	39.1	39.4	39.4	39.6	39.8	40.0	40.8
39.1	39.8	39.9	40.2	40.4	40.4	40.6	40.9	41.1	41.8
42.7	43.3	43.4	43.8	44.0	44.0	44.2	44.4	44.6	45.4
45.9	47.5	47.5	48.0	48.2	48.2	48.4	48.6	48.8	49.5
51.8	52.8	52.9	53.2	53.4	53.4	53.7	53.9	54.1	54.8
55.4	56.3	56.5	56.8	57.0	57.0	57.2	57.4	57.6	58.4
59.4	60.3	60.4	60.8	61.0	61.0	61.2	61.4	61.6	62.4
61.3	62.4	62.5	62.8	63.0	63.0	63.2	63.4	63.7	64.5
64.5	65.7	65.8	66.2	66.5	66.5	66.7	66.9	67.1	68.0
64.7	66.1	66.2	66.7	66.9	66.9	67.1	67.3	67.5	68.4
66.3	67.6	67.7	68.2	68.4	68.4	68.6	68.8	69.0	70.0
67.7	69.0	69.1	69.6	69.8	69.8	70.0	70.2	70.4	71.4
69.6	71.2	71.3	71.7	71.9	71.9	72.2	72.4	72.6	73.5
70.1	71.7	71.8	72.3	72.5	72.5	72.7	72.9	73.1	74.1
70.6	72.4	72.5	72.9	73.1	73.1	73.3	73.5	73.8	74.7
71.2	73.0	73.1	73.5	73.8	73.8	74.0	74.2	74.4	75.4
71.6	73.4	73.5	74.1	74.3	74.3	74.5	74.7	74.9	75.9
72.0	74.1	74.4	74.9	75.2	75.2	75.4	75.6	75.8	76.8
73.1	75.3	75.5	76.7	77.2	77.2	77.5	78.2	78.4	79.5
73.5	76.0	76.3	77.8	78.8	78.8	79.2	80.0	80.2	81.7
73.9	76.6	76.9	78.7	81.0	81.0	82.2	83.4	83.9	86.8
74.0	77.0	77.3	79.1	82.0	82.0	83.8	85.4	86.6	96.8
74.0	77.0	77.3	79.1	82.0	82.0	83.8	85.4	86.7	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	21.7	23.7	24.6	25.3	26.2	26.2	25.3	26.3	2:
GE 20000	26.2	28.5	30.0	31.1	32.3	32.3	32.5	32.5	3:
GE 18000	26.7	28.9	30.4	31.5	32.7	32.7	32.9	32.9	3:
GE 16000	26.7	28.9	30.4	31.5	32.7	32.7	32.9	32.9	3:
GE 14000	28.3	30.6	32.2	33.2	34.4	34.4	34.6	34.6	3:
GE 12000	29.7	32.0	33.7	34.7	35.9	35.9	36.1	36.1	3:
GE 10000	32.2	34.7	36.5	37.6	38.8	38.8	39.0	39.0	3:
GE 9000	32.5	35.1	36.8	38.0	39.1	39.1	39.4	39.4	3:
GE 9000	34.5	37.3	39.0	40.2	41.4	41.4	41.6	41.6	41
GE 7000	36.5	39.1	41.0	42.3	43.7	43.7	43.9	43.9	44
GE 6000	37.7	40.4	42.3	43.5	44.9	44.9	45.2	45.2	45
GE 5000	41.8	44.6	46.8	48.1	49.5	49.6	49.8	49.8	49
GE 4500	44.1	47.0	49.4	50.8	52.4	52.5	52.7	52.7	52
GE 4000	48.6	51.7	54.3	55.9	57.6	57.8	58.1	58.4	58
GE 3500	52.5	55.7	58.3	60.0	61.8	62.0	62.4	62.7	63
GE 3000	56.5	59.9	62.5	64.4	66.2	66.5	66.8	67.1	67
GE 2500	59.4	63.3	66.2	68.2	70.3	70.5	71.1	71.4	71
GE 2000	61.2	65.4	68.3	70.3	72.9	73.2	74.0	74.3	74
GE 1900	61.5	65.8	69.2	71.3	73.4	73.8	74.5	74.8	75
GE 1500	62.5	66.8	70.3	72.5	74.9	75.4	76.2	76.6	76
GE 1200	63.0	67.2	71.0	73.4	76.0	76.5	77.4	77.8	78
GE 1000	63.7	67.8	71.6	74.7	77.7	78.2	79.1	79.7	80
GE 900	63.8	68.0	71.7	74.8	78.2	78.5	79.7	80.2	80
GE 800	63.8	68.0	71.8	75.2	78.6	79.0	80.3	80.9	81
GE 700	63.9	68.1	71.9	75.4	79.1	79.7	81.0	81.5	82
GE 600	63.9	68.2	72.3	76.0	79.8	80.5	82.2	82.9	83
GE 500	64.2	68.5	72.7	76.7	80.6	81.4	83.4	84.5	85
GE 400	64.2	68.5	72.7	76.7	80.9	81.6	84.0	85.9	87
GE 300	64.2	68.5	72.7	76.8	81.1	81.8	84.5	86.8	88
GE 200	64.2	68.5	72.7	76.8	81.1	81.8	84.5	86.9	88
GE 100	64.2	68.5	72.7	76.8	81.1	81.8	84.5	86.9	88
GE 000	64.2	68.5	72.7	76.8	81.1	81.8	84.5	86.9	88

TOTAL NUMBER OF OBSERVATIONS   930

A   D - 2 - 8

IQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
  FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                         MONTH: OCT   HOURS: 09-11

....
TY IN STATUTE MILES
  GE   GE   GE   GE   GE   GE   GE   GE   GE   GE
   2   1 1/2   1 1/4   1   3/4   5/8   1/2   3/8   1/4   0
....

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
26.3	26.3	26.3	26.3	26.3	26.3	26.5	26.5	26.5	26.5
32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.6
32.9	32.9	32.9	32.9	33.0	33.0	33.1	33.1	33.1	33.1
32.9	32.9	32.9	32.9	33.0	33.0	33.1	33.1	33.1	33.1
34.6	34.6	34.6	34.6	34.7	34.7	34.8	34.8	34.8	34.8
36.1	36.1	36.1	36.1	36.2	36.2	36.3	36.3	36.3	36.3
39.0	39.0	39.0	39.0	39.1	39.1	39.2	39.2	39.2	39.2
39.4	39.4	39.4	39.4	39.5	39.5	39.6	39.6	39.6	39.6
41.6	41.6	41.6	41.6	41.7	41.7	41.8	41.8	41.8	41.8
43.9	43.9	44.0	44.0	44.1	44.1	44.2	44.2	44.2	44.2
45.2	45.2	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.5
49.8	49.8	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.1
52.7	52.7	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.0
58.1	58.4	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7
62.4	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0
66.8	67.1	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4
71.1	71.4	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8
74.0	74.3	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7
74.5	74.8	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3
76.2	76.5	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0
77.4	77.8	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
79.1	79.7	80.0	80.1	80.2	80.2	80.3	80.4	80.4	80.4
79.7	80.2	80.6	80.8	80.9	80.9	81.0	81.1	81.1	81.1
80.3	80.9	81.4	81.6	81.7	81.7	81.8	81.9	81.9	81.9
81.0	81.5	82.0	82.4	82.5	82.5	82.6	82.7	82.7	82.7
82.2	82.9	83.4	83.9	84.0	84.0	84.1	84.2	84.2	84.2
83.4	84.5	85.3	86.2	86.5	86.5	86.7	86.8	86.8	86.8
84.0	85.4	87.0	88.4	88.7	88.7	89.0	89.1	89.1	89.1
84.5	86.8	88.2	90.2	90.9	91.0	91.6	91.9	92.0	92.0
84.5	85.9	88.3	90.3	91.6	92.0	93.9	94.3	94.7	94.9
84.5	86.9	88.3	90.3	91.8	92.3	94.1	94.7	95.5	98.9
84.5	86.9	88.3	90.3	91.8	92.3	94.1	94.7	95.5	100.0

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D - 2 - 85   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MIL GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	33.2	34.1	34.9	36.1	36.9	36.9	37.3	37.5	37
GE 20000	41.3	42.4	43.4	44.3	45.7	45.7	46.1	46.3	46
GE 18000	41.5	42.5	43.7	45.1	45.9	45.9	46.3	46.5	46
GE 16000	41.7	42.8	43.9	45.3	46.1	46.1	46.6	46.8	46
GE 14000	43.9	44.9	46.2	47.6	48.5	48.5	48.9	49.1	49
GE 12000	45.7	46.8	47.8	49.5	50.3	50.3	50.8	51.0	51
GE 10000	49.1	50.2	51.3	52.9	53.8	53.8	54.2	54.4	54
GE 9000	49.7	50.8	51.8	53.4	54.3	54.3	54.7	54.9	54
GE 8000	51.4	52.7	53.3	55.4	56.2	56.2	56.7	56.9	56
GE 7000	52.5	53.9	54.9	56.6	57.4	57.4	57.8	58.1	58
GE 6000	53.5	54.9	56.0	57.6	58.5	58.5	59.0	59.2	59
GE 5000	56.5	58.1	59.7	61.4	62.4	62.4	62.9	63.1	63
GE 4500	57.3	59.3	61.5	63.3	64.5	64.5	65.2	65.4	65
GE 4000	62.3	64.4	66.1	68.0	69.1	69.1	69.8	70.0	70
GE 3500	68.1	70.4	72.2	74.4	75.7	75.8	76.7	76.9	77
GE 3000	74.6	77.1	79.0	81.4	83.1	83.5	84.4	84.6	84
GE 2500	76.3	79.1	81.1	83.7	85.4	85.8	86.7	86.9	87
GE 2000	78.5	81.5	83.7	86.5	88.4	88.8	89.9	90.1	90
GE 1800	78.9	82.0	84.2	87.0	88.9	89.4	90.4	90.6	90
GE 1500	79.6	83.0	85.5	88.8	90.9	91.3	92.4	92.6	92
GE 1200	79.7	83.3	85.9	89.6	91.8	92.3	93.4	93.7	93
GE 1000	79.9	83.7	86.2	90.2	92.6	93.0	94.5	94.9	95
GE 900	79.9	83.8	86.3	90.3	92.7	93.1	94.7	95.2	95
GE 800	80.0	83.9	86.5	90.5	92.9	93.3	95.1	95.5	95
GE 700	80.0	83.9	86.7	91.0	93.4	94.0	96.0	96.7	96
GE 600	80.0	83.9	86.7	91.0	93.4	94.0	96.2	97.2	97
GE 500	80.0	83.9	86.7	91.0	93.4	94.0	96.5	97.8	98
GE 400	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.2	98
GE 300	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.3	98
GE 200	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.3	98
GE 100	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.3	98
GE 000	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.3	98

TOTAL NUMBER OF OBSERVATIONS   930

A

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                           MONTH: OCT   HOURS: 12-14

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Y IN STATUTE MILES

| GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |

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37.3	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6
45.1	45.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
45.3	45.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
45.6	45.8	45.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
57.8	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
59.0	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.5	65.6	65.6
69.8	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
85.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
94.5	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
94.7	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
95.1	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
96.0	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
96.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
96.5	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
96.7	98.2	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9
96.7	98.3	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5
96.7	98.3	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0
96.7	98.3	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0
96.7	98.3	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G
NO CEIL	40.4	41.5	42.0	43.0	43.5	43.5	43.5	43.5	43
GE 20000	47.0	48.6	49.1	50.1	50.6	50.6	50.6	50.6	50
GE 18000	47.4	49.0	49.5	50.5	51.1	51.1	51.1	51.1	51
GE 16000	47.5	49.2	49.8	50.8	51.3	51.3	51.3	51.3	51
GE 14000	51.0	52.7	53.2	54.2	54.8	54.8	54.8	54.8	54
GE 12000	53.9	55.6	56.1	57.1	57.7	57.7	57.7	57.7	57
GE 10000	58.3	60.2	60.9	61.9	62.5	62.5	62.5	62.5	62
GE 9000	59.5	61.3	61.9	62.9	63.5	63.5	63.5	63.5	63
GE 8000	62.5	64.3	65.2	66.2	67.0	67.0	67.0	67.0	67
GE 7000	64.2	65.9	66.8	67.8	68.6	68.6	68.6	68.6	68
GE 6000	65.2	67.0	68.1	69.2	70.1	70.1	70.1	70.1	70
GE 5000	68.2	70.1	71.3	72.5	73.3	73.3	73.5	73.5	73
GE 4500	70.1	72.2	73.3	74.5	75.4	75.4	75.5	75.6	75
GE 4000	74.3	76.6	77.8	79.0	79.9	79.9	80.2	80.2	80
GE 3500	79.0	81.3	82.8	84.0	84.9	84.9	85.6	85.6	85
GE 3000	83.7	86.2	88.4	90.0	91.2	91.5	92.9	92.9	92
GE 2500	85.9	88.6	90.3	92.4	93.7	94.0	95.5	95.5	95
GE 2000	86.9	89.6	91.8	93.7	94.9	95.3	96.8	96.9	96
GE 1800	86.9	89.6	91.9	93.8	95.1	95.4	96.9	97.0	97
GE 1500	87.3	90.1	92.3	94.8	96.1	96.5	98.0	98.1	98
GE 1200	87.3	90.1	92.9	94.9	96.2	96.6	98.1	98.2	98
GE 1000	87.3	90.1	92.9	95.3	96.7	97.0	98.5	98.6	98
GE 900	87.3	90.1	92.9	95.3	96.7	97.0	98.5	98.6	98
GE 800	87.3	90.1	92.9	95.4	96.8	97.1	98.7	98.8	98
GE 700	87.3	90.1	92.9	95.4	96.8	97.1	98.7	98.8	98
GE 600	87.3	90.1	92.9	95.4	96.8	97.1	98.7	98.8	98
GE 500	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 400	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 300	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 200	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 100	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 000	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99

TOTAL NUMBER OF OBSERVATIONS   930

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                      MONTH: OCT   HOURS: 15-17

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ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
98.7	99.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9
98.7	99.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9
98.7	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0
98.7	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0
98.7	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	44.4	45.4	45.8	48.2	49.1	49.2	49.7	49.9	50
GE 20000	48.5	49.5	50.9	52.4	53.3	53.4	53.9	54.1	54
GE 18000	48.5	49.5	50.9	52.4	53.3	53.4	53.9	54.1	54
GE 16000	48.5	49.5	50.9	52.4	53.3	53.4	53.9	54.1	54
GE 14000	50.4	51.4	52.8	54.3	55.3	55.4	55.8	56.0	56
GE 12000	51.8	52.8	54.2	55.7	56.7	56.8	57.2	57.4	57
GE 10000	57.3	58.5	60.0	61.5	62.5	62.5	63.0	63.2	63
GE 9000	58.3	59.5	61.0	62.5	63.4	63.5	64.0	64.2	64
GE 8000	61.1	62.3	63.8	65.3	66.2	66.3	66.8	67.0	67
GE 7000	62.9	64.1	65.6	67.1	63.2	68.3	68.7	68.9	69
GE 6000	64.4	65.7	67.2	68.8	69.9	70.0	70.4	70.6	70
GE 5000	66.9	68.5	70.1	71.7	72.8	73.0	73.4	73.7	73
GE 4500	69.7	71.4	73.1	74.7	75.8	76.0	76.5	76.7	76
GE 4000	72.9	74.5	76.3	78.2	79.4	79.8	80.3	80.5	30
GE 3500	77.1	78.9	80.8	83.0	84.4	84.8	85.5	85.9	86
GE 3000	81.3	83.1	84.9	87.7	89.2	89.8	90.8	91.1	91
GE 2500	82.7	84.7	87.1	90.0	91.7	92.3	93.2	93.5	93
GE 2000	83.3	85.9	88.5	91.5	93.3	93.9	94.9	95.3	95
GE 1800	83.9	86.0	88.6	91.7	93.5	94.1	95.2	95.5	95
GE 1500	84.5	86.7	89.7	92.9	94.7	95.3	96.3	95.7	96
GE 1200	84.6	86.8	89.8	93.0	94.8	95.4	96.5	96.8	96
GE 1000	84.6	86.8	89.9	93.1	95.1	95.6	96.9	97.2	9
GE 900	84.6	86.8	89.9	93.1	95.1	95.7	97.1	97.4	9
GE 800	84.6	86.8	89.9	93.1	95.2	95.8	97.2	97.5	9
GE 700	84.6	86.8	89.9	93.2	95.3	95.9	97.3	97.6	9
GE 600	84.6	86.8	89.9	93.2	95.5	96.1	97.5	97.8	9
GE 500	84.6	86.8	89.9	93.2	95.5	96.1	97.5	97.8	9
GE 400	84.6	86.8	89.9	93.2	95.5	96.1	97.5	97.8	9
GE 300	84.6	86.8	89.9	93.2	95.5	96.1	97.5	98.0	9
GE 200	84.6	86.8	89.9	93.2	95.5	96.1	97.5	98.0	9
GE 100	84.6	86.8	89.9	93.2	95.5	96.1	97.5	98.0	9
GE 000	84.6	86.8	89.9	93.2	95.5	96.1	97.5	98.0	9

TOTAL NUMBER OF OBSERVATIONS 930

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                         MONTH: OCT   HOURS: 18-20

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
49.7	49.9	50.0	50.0	50.0	50.1	50.3	50.3	50.4	50.4
53.9	54.1	54.2	54.2	54.2	54.3	54.5	54.5	54.6	54.6
53.9	54.1	54.2	54.2	54.2	54.3	54.5	54.5	54.6	54.6
53.9	54.1	54.2	54.2	54.2	54.3	54.5	54.5	54.6	54.6
55.8	56.0	56.1	56.1	56.1	56.2	56.5	56.5	56.6	56.6
57.2	57.4	57.5	57.5	57.5	57.6	57.8	57.8	58.0	58.0
63.0	63.2	63.3	63.3	63.3	63.4	63.7	63.7	63.8	63.8
64.0	64.2	64.3	64.3	64.3	64.4	64.6	64.6	64.7	64.7
66.8	67.0	67.1	67.1	67.1	67.2	67.4	67.4	67.5	67.5
68.7	68.9	69.0	69.0	69.0	69.1	69.4	69.4	69.5	69.5
70.4	70.6	70.8	70.8	70.8	70.9	71.1	71.1	71.2	71.2
73.4	73.7	73.8	73.8	73.8	73.9	74.1	74.1	74.2	74.2
75.5	76.7	76.8	76.8	76.8	76.9	77.1	77.1	77.2	77.2
80.3	80.5	80.6	80.6	80.6	80.8	81.0	81.0	81.1	81.1
85.6	85.9	86.0	86.0	86.0	86.1	86.3	86.3	86.5	86.5
90.8	91.1	91.2	91.2	91.2	91.3	91.5	91.5	91.6	91.6
93.2	93.5	93.7	93.8	93.8	93.9	94.1	94.1	94.2	94.2
94.7	95.3	95.4	95.5	95.5	95.6	95.8	95.8	95.9	95.9
95.2	95.5	95.6	95.7	95.7	95.8	96.0	96.0	96.1	96.1
96.3	96.7	96.8	96.9	96.9	97.0	97.2	97.2	97.3	97.3
96.5	96.8	96.9	97.0	97.0	97.1	97.3	97.3	97.4	97.4
96.9	97.2	97.3	97.5	97.5	97.6	97.8	97.8	98.0	98.0
97.1	97.4	97.5	97.7	97.7	97.8	98.1	98.1	98.2	98.2
97.2	97.5	97.6	98.0	98.0	98.1	98.3	98.3	98.4	98.4
97.3	97.6	97.7	98.2	98.2	98.3	98.5	98.5	98.6	98.6
97.5	97.8	98.0	98.4	98.4	98.5	98.7	98.7	98.8	98.8
97.5	97.8	98.0	98.4	98.4	98.5	98.7	98.7	98.8	98.8
97.5	97.8	98.0	98.5	98.6	98.7	98.9	98.9	99.0	99.0
97.5	98.0	98.1	98.7	98.8	98.9	99.2	99.2	99.4	99.4
97.5	98.0	98.1	98.7	98.8	98.9	99.6	99.5	99.7	99.7
97.5	98.0	98.1	98.7	98.8	98.9	99.6	99.6	99.7	99.9
97.5	98.0	98.1	98.7	98.8	98.9	99.6	99.6	99.7	100.0

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCUR
USAFETAC, ASHEVILLE NC   FROM HOURLY OB

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING   VISIBILITY IN STATUTE MI

IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	1
NO CEIL	37.6	39.5	43.4	46.3	48.8	49.2	50.2	50.6	5
GE 20000	39.9	41.8	45.8	48.7	51.3	51.7	52.8	53.2	5
GE 18000	39.9	41.8	45.8	48.7	51.3	51.7	52.8	53.2	5
GE 16000	39.9	41.8	45.8	48.7	51.3	51.7	52.8	53.2	5
GE 14000	41.2	43.1	47.1	50.0	52.6	53.0	54.1	5..5	5
GE 12000	42.9	44.8	48.8	51.7	54.3	54.7	55.3	56.2	5
GE 10000	46.7	48.7	52.7	55.7	58.3	58.7	59.9	60.3	6
GE 9000	47.2	49.2	53.2	56.2	58.8	59.2	60.4	60.9	6
GE 8000	49.5	51.7	55.9	59.0	61.6	62.0	63.2	63.7	6
GE 7000	50.3	52.9	57.3	60.4	63.1	63.5	64.7	65.2	6
GE 6000	51.7	53.9	58.3	61.4	64.1	64.5	65.7	66.1	6
GE 5000	53.9	56.0	60.4	63.7	66.7	67.1	68.4	68.9	6
GE 4500	56.0	58.3	63.0	66.2	69.4	69.8	71.1	71.6	7
GE 4000	60.0	62.3	67.5	71.0	74.4	74.8	76.2	76.8	7
GE 3500	62.8	65.3	71.0	74.6	78.5	78.9	80.4	81.0	8
GE 3000	65.5	68.3	74.1	78.0	82.0	82.5	84.0	84.6	8
GE 2500	67.7	70.5	76.7	80.8	84.8	85.3	86.8	87.4	8
GE 2000	69.5	72.3	78.5	82.8	87.0	87.4	89.0	89.7	8
GE 1800	69.5	72.3	78.5	82.9	87.1	87.5	89.1	89.8	9
GE 1500	70.8	73.7	79.9	84.8	89.1	89.6	91.3	91.9	9
GE 1200	71.0	73.9	80.2	85.2	89.5	89.9	91.7	92.4	9
GE 1000	71.0	74.0	80.6	85.7	90.0	90.4	92.3	92.9	9
GE 900	71.1	74.1	80.8	85.8	90.1	90.5	92.4	93.0	9
GE 800	71.2	74.2	80.9	85.9	90.2	90.6	92.6	93.2	9
GE 700	71.2	74.2	80.9	85.9	90.2	90.6	92.6	93.2	9
GE 600	71.2	74.2	80.9	85.9	90.2	90.6	92.6	93.2	9
GE 500	71.2	74.2	80.9	86.1	90.5	91.0	93.0	93.7	9
GE 400	71.2	74.2	80.9	86.1	90.5	91.0	93.2	93.9	9
GE 300	71.2	74.2	80.9	86.1	90.5	91.0	93.2	94.0	9
GE 200	71.2	74.2	80.9	86.1	90.5	91.0	93.2	94.1	9
GE 100	71.2	74.2	80.9	86.1	90.5	91.0	93.2	94.1	9
GE 000	71.2	74.2	80.9	86.1	90.5	91.0	93.2	94.1	9

TOTAL NUMBER OF OBSERVATIONS   930

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: OCT   HOURS: 21-23

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
50.2	50.6	50.8	51.8	52.3	52.3	52.9	53.1	53.3	53.8
52.8	53.2	53.3	54.4	54.8	54.8	55.5	55.7	55.9	56.3
52.8	53.2	53.3	54.4	54.8	54.8	55.5	55.7	55.9	56.3
52.8	53.2	53.3	54.4	54.8	54.8	55.5	55.7	55.9	56.3
54.1	54.5	54.6	55.7	56.1	56.1	56.8	57.0	57.2	57.6
55.8	56.2	56.3	57.4	57.8	57.8	58.5	58.7	58.9	59.4
59.9	60.3	60.5	61.6	62.0	62.0	62.7	62.9	63.1	63.5
60.4	60.9	61.1	62.2	62.6	62.6	63.2	63.4	63.7	64.1
63.2	63.7	63.9	64.9	65.4	65.4	66.0	66.2	66.5	66.9
64.7	65.2	65.4	66.5	66.3	66.9	67.5	67.7	68.0	68.4
65.7	66.1	66.3	67.4	67.8	67.8	68.5	68.7	68.9	69.4
68.4	68.9	69.1	70.2	70.6	70.6	71.3	71.5	71.7	72.3
71.1	71.6	71.8	72.9	73.3	73.3	74.0	74.2	74.4	74.9
76.2	76.8	77.0	78.1	78.5	78.5	79.1	79.4	79.6	80.1
80.4	81.0	81.2	82.3	82.8	82.8	83.4	83.7	83.9	84.4
84.0	84.6	84.8	85.9	86.5	86.5	87.1	87.3	87.5	88.1
85.3	87.4	87.6	88.7	89.2	89.2	89.9	90.1	90.3	90.9
89.0	89.7	89.9	91.0	91.5	91.5	92.2	92.4	92.6	93.1
89.1	89.8	90.0	91.1	91.6	91.6	92.3	92.5	92.7	93.2
91.3	91.9	92.2	93.2	93.8	93.8	94.4	94.6	94.8	95.4
91.7	92.4	92.6	93.7	94.2	94.2	94.8	95.1	95.3	95.8
92.3	92.9	93.1	94.2	94.7	94.7	95.4	95.6	95.8	96.3
92.4	93.0	93.2	94.3	94.8	94.8	95.5	95.7	95.9	96.5
92.6	93.2	93.4	94.5	95.1	95.1	95.7	95.9	96.1	96.7
92.6	93.2	93.4	94.5	95.1	95.1	95.7	95.9	96.1	96.7
92.6	93.2	93.4	94.5	95.1	95.1	95.7	95.9	96.1	96.7
93.0	93.7	93.9	95.1	95.6	95.6	96.2	96.5	96.7	97.2
93.2	93.9	94.1	95.3	95.8	95.8	96.5	96.7	96.9	97.4
93.2	94.0	94.2	95.4	96.0	96.0	96.7	96.9	97.1	97.6
93.2	94.1	94.5	95.7	96.5	96.5	97.1	97.3	97.5	98.1
93.2	94.1	94.5	95.8	96.6	96.6	97.2	97.5	97.7	99.0
93.2	94.1	94.5	95.8	96.6	96.6	97.2	97.5	97.7	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                             LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	30.5	32.0	33.7	35.5	37.3	37.5	38.3	38.7	38.
GE 20000	34.1	35.8	37.7	39.7	41.6	41.3	42.7	43.1	43.
GE 18000	34.3	36.0	37.9	39.9	41.8	42.0	42.9	43.3	43.
GE 16000	34.4	36.0	38.0	40.0	41.9	42.1	43.0	43.3	43.
GE 14000	35.9	37.6	39.6	41.6	43.5	43.7	44.6	45.0	45.
GE 12000	37.4	39.1	41.1	43.1	45.0	45.2	46.1	46.5	46.
GE 10000	41.0	42.3	44.9	47.0	48.9	49.2	50.1	50.4	50.
GE 9000	41.5	43.3	45.4	47.5	49.5	49.7	50.6	51.0	51.
GE 8000	43.7	45.5	47.7	49.8	51.9	52.1	53.0	53.4	53.
GE 7000	45.2	47.1	49.5	51.6	53.7	53.9	54.9	55.2	55.
GE 6000	46.5	48.4	50.8	53.0	55.1	55.3	56.3	56.6	56
GE 5000	49.5	51.7	54.2	56.5	58.7	59.0	60.0	60.4	60
GE 4500	52.2	54.5	57.2	59.4	61.7	62.0	63.0	63.4	63
GE 4000	56.5	58.8	61.8	64.2	66.6	67.0	68.1	68.6	68
GE 3500	60.3	62.7	65.8	68.4	71.0	71.4	72.7	73.2	73
GE 3000	64.1	66.7	70.1	72.8	75.7	76.1	77.6	78.2	78
GE 2500	66.0	68.8	72.4	75.2	78.2	78.7	80.3	80.8	81
GE 2000	67.3	70.3	74.6	77.5	80.7	81.2	82.9	83.5	83
GE 1800	69.1	71.0	74.9	78.0	81.1	81.6	83.3	83.9	84
GE 1500	69.1	72.1	76.2	79.5	82.7	83.2	84.9	85.5	85
GE 1200	69.4	72.4	76.6	80.0	83.2	83.8	85.5	86.1	86
GE 1000	69.7	72.8	77.0	80.5	84.0	84.5	86.4	87.1	87
GE 900	69.7	72.9	77.1	80.7	84.1	84.7	86.6	87.3	87
GE 800	69.8	72.9	77.2	80.9	84.4	84.9	87.0	87.7	88
GE 700	69.8	73.0	77.3	81.0	84.6	85.2	87.3	88.0	88
GE 600	69.8	73.0	77.4	81.2	84.8	85.5	87.6	88.5	88
GE 500	69.9	73.1	77.5	81.4	85.1	85.8	88.0	89.0	89
GE 400	69.9	73.1	77.6	81.5	85.3	86.0	88.4	89.5	89
GE 300	69.9	73.1	77.6	81.6	85.4	86.1	88.7	89.9	90
GE 200	69.9	73.1	77.6	81.6	85.5	86.2	88.7	90.1	90
GE 100	69.9	73.1	77.6	81.6	85.5	86.2	89.8	90.2	90
GE 000	69.9	73.1	77.5	81.6	85.5	86.2	88.8	90.2	90

TOTAL NUMBER OF OBSERVATIONS   7440

A

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                          MONTH: OCT HOURS: ALL

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ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
39.3	38.7	38.8	39.4	39.5	39.6	39.8	39.9	40.1	40.5
42.7	43.1	43.2	43.8	44.0	44.0	44.2	44.3	44.5	44.9
42.9	43.3	43.4	44.0	44.2	44.2	44.5	44.6	44.7	45.1
43.0	43.3	43.5	44.0	44.3	44.3	44.5	44.6	44.8	45.2
44.6	45.0	45.1	45.7	45.9	45.9	46.1	46.3	46.4	46.8
46.1	46.5	46.6	47.2	47.4	47.4	47.7	47.8	47.9	48.3
50.1	50.4	50.6	51.2	51.4	51.4	51.7	51.8	51.9	52.3
50.6	51.0	51.2	51.7	52.0	52.0	52.2	52.4	52.5	52.9
53.0	53.4	53.6	54.1	54.4	54.4	54.6	54.7	54.9	55.3
54.9	55.2	55.4	56.0	56.2	56.2	56.5	56.6	56.7	57.1
56.3	56.6	56.9	57.4	57.5	57.6	57.9	58.0	58.1	58.5
60.0	60.4	60.6	61.1	61.4	61.4	61.6	61.8	61.9	62.3
63.0	63.4	63.6	64.2	64.4	64.4	64.7	64.8	64.9	65.3
68.1	68.6	68.8	69.4	69.6	69.6	69.9	70.0	70.1	70.5
72.7	73.2	73.4	73.9	74.2	74.2	74.5	74.6	74.7	75.1
77.6	78.2	78.4	78.9	79.2	79.2	79.4	79.6	79.7	80.1
80.3	80.8	81.0	81.5	81.9	81.9	82.1	82.2	82.4	82.8
82.9	83.5	83.7	84.3	84.6	84.6	84.8	84.9	85.1	85.5
83.3	83.9	84.1	84.7	84.9	85.0	85.2	85.3	85.5	85.9
84.9	85.5	85.7	86.3	86.5	86.6	86.9	87.0	87.1	87.6
85.5	86.1	86.4	86.9	87.2	87.2	87.5	87.6	87.8	88.2
86.4	87.1	87.3	87.9	88.2	88.3	88.5	88.6	88.8	89.2
86.6	87.3	87.6	88.2	88.5	88.5	88.8	88.9	89.0	89.5
87.0	87.7	88.0	88.6	88.9	88.9	89.1	89.3	89.4	89.9
87.3	88.0	88.3	89.0	89.3	89.3	89.5	89.7	89.8	90.3
87.6	88.5	88.8	89.4	89.7	89.8	90.0	90.1	90.3	90.7
88.0	89.0	89.4	90.2	90.5	90.5	90.8	90.9	91.1	91.5
88.4	89.5	89.9	90.9	91.4	91.4	91.7	91.9	92.1	92.5
88.7	89.9	90.3	91.5	92.2	92.2	92.6	92.9	93.0	93.6
88.7	90.1	90.5	91.9	92.8	92.9	93.8	94.1	94.4	95.3
88.8	90.2	90.6	92.0	93.1	93.3	94.2	94.8	95.4	98.8
88.8	90.2	90.6	92.0	93.1	93.3	94.2	94.8	95.4	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	13.9	15.2	17.6	20.0	21.7	22.6	24.0	25.1	25.
GE 20000	15.3	16.7	19.0	21.4	23.3	24.2	25.3	26.9	26.
GE 18000	15.3	16.7	19.2	21.7	23.6	24.4	26.0	27.1	27.
GE 16000	15.3	16.7	19.2	21.7	23.6	24.4	26.0	27.1	27.
GE 14000	15.4	16.8	19.4	21.9	23.8	24.7	26.2	27.3	27.
GE 12000	16.3	18.1	20.9	23.3	25.3	26.2	27.8	28.9	28.
GE 10000	19.1	20.4	23.4	26.1	28.4	29.4	31.1	32.2	32.
GE 9000	19.3	21.1	24.1	26.9	29.1	30.1	31.8	32.9	32
GE 8000	23.3	25.2	28.3	31.0	33.3	34.3	36.7	37.8	37
GE 7000	25.2	26.8	30.0	32.7	35.0	36.4	38.3	39.4	39.
GE 6000	26.6	28.1	31.3	34.0	36.3	37.8	39.7	40.8	40.
GE 5000	31.1	33.0	36.2	39.0	41.3	43.1	45.0	46.2	45
GE 4500	35.2	37.5	41.2	44.0	46.8	48.5	50.5	51.8	51
GE 4000	44.0	47.0	51.1	53.9	56.8	58.6	60.7	61.9	61
GE 3500	48.7	51.9	56.2	59.2	62.1	64.0	66.2	67.4	67
GE 3000	52.8	56.2	60.6	64.0	67.2	69.1	71.3	72.7	72
GE 2500	55.2	58.8	63.6	67.0	70.6	72.6	74.9	76.1	76
GE 2000	56.5	60.6	65.4	68.9	72.8	74.8	77.0	78.3	78
GE 1800	57.0	61.0	65.9	69.3	73.2	75.2	77.4	78.8	78
GE 1500	58.3	62.3	67.2	70.7	74.7	76.7	78.9	80.2	80
GE 1200	59.1	63.2	68.1	71.6	75.5	77.7	80.0	81.3	81
GE 1000	59.5	63.8	68.7	72.2	76.6	78.7	81.0	82.3	82
GE 900	59.7	63.9	68.8	72.3	76.7	78.8	81.1	82.4	82
GE 800	59.9	64.1	69.1	72.9	77.2	79.3	81.7	83.0	83
GE 700	60.4	64.7	69.7	73.6	78.0	80.1	82.4	83.8	83
GE 600	60.4	64.7	69.8	73.8	78.2	80.3	82.7	84.0	84
GE 500	60.4	64.7	69.9	74.0	78.6	80.9	83.3	84.7	84
GE 400	60.4	64.7	70.0	74.2	79.3	81.7	84.3	85.7	85
GE 300	60.4	64.7	70.0	74.2	79.7	82.0	85.0	86.6	86
GE 200	60.4	64.7	70.0	74.2	79.7	82.0	85.3	87.2	87
GE 100	60.4	64.7	70.0	74.2	79.7	82.0	85.3	87.4	87
GE 000	60.4	64.7	70.0	74.2	79.7	82.0	85.3	87.4	87

TOTAL NUMBER OF OBSERVATIONS   900

A   D - 2 - 9

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
   FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: NOV   HOURS: 00-02

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VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0

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GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
24.0	25.1	25.1	25.7	26.9	26.9	27.6	27.8	28.4	29.0
25.3	26.9	26.9	27.4	28.7	28.7	29.3	29.6	30.2	30.8
25.0	27.1	27.1	27.7	28.9	28.9	29.6	29.8	30.4	31.0
25.0	27.1	27.1	27.7	28.9	28.9	29.6	29.8	30.4	31.0
25.2	27.3	27.3	27.9	29.1	29.1	29.8	30.0	30.7	31.2
27.8	28.9	28.9	29.4	30.8	30.8	31.4	31.7	32.3	32.9
31.1	32.2	32.2	32.8	34.2	34.2	34.9	35.1	35.8	36.3
31.3	32.9	32.9	33.4	34.9	34.9	35.6	35.8	36.4	37.0
36.7	37.8	37.8	38.6	40.0	40.0	40.7	40.9	41.6	42.1
38.3	39.4	39.4	40.3	41.8	41.8	42.4	42.7	43.3	43.9
39.7	40.8	40.8	41.7	43.1	43.1	43.8	44.0	44.7	45.2
45.0	46.2	46.2	47.2	48.7	48.7	49.6	49.8	50.4	51.0
50.5	51.8	51.8	52.8	54.2	54.2	55.1	55.3	56.0	56.5
60.7	61.9	61.9	62.9	64.3	64.3	65.2	65.4	66.1	66.9
66.2	67.4	67.4	68.4	69.9	69.9	70.8	71.0	71.7	72.4
71.3	72.7	72.7	73.7	75.1	75.1	76.1	76.3	77.0	77.8
74.9	76.1	76.1	77.1	78.6	78.6	79.8	80.0	80.7	81.4
77.0	78.3	78.3	79.3	80.8	80.8	82.0	82.2	82.9	83.7
77.4	78.8	78.8	79.8	81.2	81.2	82.4	82.7	83.3	84.1
78.9	80.2	80.2	81.2	82.7	82.7	83.9	84.1	84.9	85.6
80.0	81.3	81.3	82.3	83.8	83.8	85.0	85.2	85.9	86.7
81.0	82.3	82.3	83.3	84.8	84.8	86.0	86.2	86.9	87.7
81.1	82.4	82.4	83.4	84.9	84.9	86.1	86.3	87.0	87.8
81.7	83.0	83.0	84.0	85.4	85.4	86.7	86.9	87.6	88.3
82.4	83.8	83.8	84.8	86.2	86.2	87.4	87.7	88.3	89.1
82.7	84.0	84.0	85.0	86.4	86.4	87.7	87.9	88.6	89.3
83.3	84.7	84.7	85.7	87.1	87.1	88.3	88.6	89.2	90.0
84.3	85.7	85.7	86.8	88.2	88.2	89.6	89.8	90.4	91.2
85.0	86.6	86.6	87.7	89.6	89.6	90.9	91.1	91.8	92.7
85.3	87.2	87.2	88.7	90.9	90.9	92.4	92.8	93.6	94.8
85.3	87.4	87.6	89.0	91.2	91.2	92.8	93.6	94.9	98.4
85.3	87.4	87.6	89.0	91.2	91.2	92.8	93.6	94.9	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	15.7	17.4	19.0	20.2	22.2	22.6	23.3	23.9	23.
GE 20000	16.6	18.3	19.9	21.1	23.3	23.7	24.4	25.0	25.
GE 18000	15.7	18.4	20.0	21.2	23.4	23.8	24.6	25.1	25.
GE 16000	16.7	18.4	20.0	21.2	23.4	23.8	24.6	25.1	25.
GE 14000	17.0	18.8	20.7	21.9	24.1	24.5	25.3	25.9	25.
GE 12000	17.7	19.4	21.6	22.8	25.2	25.7	26.4	27.0	27.
GE 10000	19.3	21.9	24.1	25.3	28.3	28.9	29.7	30.3	30.
GE 9000	20.2	22.3	24.7	25.3	28.9	29.4	30.2	30.9	30.
GE 8000	24.0	26.1	28.7	29.9	33.0	33.3	34.5	35.2	35.
GE 7000	25.0	28.1	30.7	32.1	35.2	36.0	36.8	37.6	37.
GE 6000	27.3	29.9	32.4	33.9	37.0	37.8	38.5	39.3	39.
GE 5000	31.7	33.3	36.3	38.0	41.2	42.1	43.0	44.0	44.
GE 4500	35.7	38.3	41.3	43.1	46.8	47.7	48.6	49.6	49.
GE 4000	43.2	46.4	49.6	51.3	55.1	56.0	56.9	58.0	58.
GE 3500	48.3	51.8	55.1	56.9	60.7	61.6	62.5	63.7	63.
GE 3000	53.3	57.0	61.1	63.1	66.9	67.8	69.1	70.2	70.
GE 2500	56.6	60.6	64.8	67.1	71.2	72.1	73.7	74.8	74.
GE 2000	57.3	61.4	65.8	68.1	72.4	73.4	75.2	75.4	75.
GE 1800	57.4	61.5	65.9	68.2	72.6	73.6	75.3	76.6	76.
GE 1500	58.1	62.2	66.6	69.0	73.3	74.3	76.2	77.4	77.
GE 1200	58.3	62.9	67.3	69.9	74.4	75.4	77.3	78.6	78.
GE 1000	59.7	63.9	68.3	71.3	76.1	77.1	79.0	80.2	80
GE 900	59.3	64.1	68.7	71.7	76.4	77.4	79.4	80.7	80
GE 800	60.0	64.2	68.8	72.0	76.8	77.8	79.8	81.0	81
GE 700	60.5	64.8	69.3	72.6	77.3	78.3	80.3	81.6	81
GE 600	60.7	64.9	69.4	72.7	77.7	78.7	80.9	82.2	82
GE 500	61.3	65.7	70.6	74.0	79.2	80.2	82.7	84.1	84
GE 400	61.3	65.7	70.6	74.0	79.2	80.2	82.8	84.2	84
GE 300	61.3	65.7	70.6	74.0	79.2	80.2	83.0	84.6	84
GE 200	61.3	65.7	70.6	74.2	79.6	80.6	83.6	85.2	85
GE 100	61.3	65.7	70.6	74.2	79.6	80.6	83.6	85.2	8
GE 000	61.3	65.7	70.6	74.2	79.6	80.6	83.6	85.2	8

TOTAL NUMBER OF OBSERVATIONS   900

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D - 2 -

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB WASHINGTON   PERIOD OF RECORD: JUN 76 - MAY 88
     MONTH: NOV   HOURS: 03-05

...ILITY IN STATUTE MILES

	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	23.3	23.9	23.9	24.6	25.2	25.2	25.6	25.6	25.7	27.0
7	24.4	25.0	25.0	25.7	26.3	26.3	26.7	26.7	26.8	28.1
3	24.5	25.1	25.1	25.3	26.4	26.4	26.8	26.8	26.9	28.2
8	24.6	25.1	25.1	25.3	26.4	26.4	26.8	26.8	26.9	28.2
5	25.3	25.9	25.9	26.6	27.2	27.2	27.6	27.6	27.7	29.0
7	26.4	27.0	27.0	27.7	28.4	28.4	28.8	28.8	28.9	30.2
9	29.7	30.3	30.3	31.1	31.9	31.9	32.3	32.3	32.4	33.8
4	30.2	30.9	30.9	31.7	32.4	32.4	32.9	32.9	33.0	34.3
3	34.5	35.2	35.2	36.0	36.8	36.8	37.2	37.2	37.3	38.7
0	36.8	37.6	37.6	38.3	39.1	39.1	39.6	39.6	39.7	41.0
8	38.5	39.3	39.3	40.1	40.9	40.9	41.3	41.3	41.4	42.9
1	43.0	44.0	44.0	44.8	45.5	45.6	46.0	46.0	46.1	47.4
2	48.5	49.5	49.5	50.3	51.1	51.1	51.6	51.6	51.8	53.3
0	56.9	58.0	58.0	58.9	59.7	59.7	60.2	60.2	60.4	62.0
5	62.5	63.7	63.7	64.5	65.3	65.3	65.9	65.9	66.1	67.7
8	69.1	70.2	70.2	71.2	72.2	72.2	72.8	72.8	73.0	74.6
1	73.7	74.8	74.8	75.8	76.9	76.9	77.6	77.6	77.8	79.3
1	75.2	76.4	76.4	77.4	78.6	78.6	79.2	79.2	79.4	81.0
5	75.3	76.5	76.5	77.5	78.7	78.7	79.3	79.3	79.6	81.1
3	76.2	77.4	77.4	78.4	79.5	79.6	80.2	80.2	80.4	82.0
4	77.3	78.5	78.5	79.6	80.7	80.7	81.	81.3	81.5	83.1
1	79.0	80.2	80.2	81.4	82.5	82.6	83.2	83.2	83.4	85.0
1	79.4	80.7	80.7	81.9	83.0	83.0	83.7	83.7	83.9	85.4
3	79.9	81.0	81.0	82.2	83.3	83.3	84.0	84.0	84.2	85.8
3	80.3	81.6	81.6	82.8	83.9	83.9	84.6	84.6	84.8	86.4
7	80.9	82.2	82.2	83.4	84.5	84.6	85.2	85.2	85.4	87.1
2	82.7	84.1	84.2	85.4	86.6	86.6	87.2	87.2	87.4	89.1
1	82.8	84.2	84.3	85.6	86.7	86.7	87.3	87.3	87.6	89.2
1	83.0	84.6	84.8	86.2	88.0	88.0	88.9	88.9	89.3	91.0
1	83.5	85.2	85.4	87.5	89.6	89.6	90.7	91.1	91.7	94.1
1	83.6	85.2	85.6	87.8	90.1	90.1	91.4	92.3	93.3	98.4
1	83.6	85.2	85.6	87.8	90.1	90.1	91.4	92.3	93.7	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	13.3	15.7	17.2	17.7	19.9	20.0	20.1	20.3	20.3
GE 20000	15.1	17.4	19.1	19.6	21.9	22.0	22.1	22.3	22.3
GE 18000	15.7	18.1	19.7	20.1	22.5	22.7	22.8	23.0	23.0
GE 16000	15.8	18.1	19.8	20.2	22.7	22.8	22.9	23.1	23.1
GE 14000	17.0	19.4	21.3	21.8	24.7	24.8	24.9	25.1	25.1
GE 12000	17.9	20.4	22.4	23.0	26.0	26.1	26.2	26.4	26.4
GE 10000	21.0	23.9	25.0	26.5	29.7	29.8	29.9	30.2	30.2
GE 9000	21.4	24.3	26.4	27.0	30.1	30.2	30.3	30.7	30.7
GE 8000	24.1	27.2	29.7	30.2	33.6	33.7	33.8	34.1	34.1
GE 7000	26.3	29.6	32.0	32.6	35.9	36.0	36.1	36.4	36.4
GE 6000	27.3	30.5	33.0	33.6	37.0	37.1	37.2	37.6	37.6
GE 5000	31.5	35.1	37.9	38.4	42.0	42.3	42.4	42.8	42.8
GE 4500	35.7	40.5	43.5	44.3	47.9	48.2	48.3	48.7	48.7
GE 4000	43.3	47.9	51.1	51.9	55.6	55.9	56.2	56.6	56.6
GE 3500	48.8	53.2	56.6	57.6	61.4	61.8	62.2	62.6	62.6
GE 3000	54.3	59.7	63.7	64.8	69.1	69.4	70.2	70.8	70.8
GE 2500	57.0	63.0	67.7	69.0	73.6	73.9	74.7	75.3	75.3
GE 2000	58.2	64.1	68.8	70.2	75.0	75.6	76.3	77.0	77.0
GE 1800	59.3	64.6	69.2	70.7	75.4	76.0	76.8	77.4	77.4
GE 1500	61.1	66.3	71.2	72.7	77.4	78.0	78.8	79.4	79.4
GE 1200	61.4	67.0	72.0	73.4	78.2	78.8	79.6	80.2	80.2
GE 1000	62.7	68.3	73.8	75.2	80.0	80.5	81.3	82.0	82.0
GE 900	62.7	68.3	73.9	75.7	80.6	81.1	82.1	82.8	82.8
GE 800	62.8	68.4	74.0	75.8	80.9	81.3	82.4	83.1	83.1
GE 700	63.1	68.8	74.3	76.1	81.1	81.7	82.8	83.4	83.4
GE 600	63.1	68.8	74.3	76.1	81.1	81.8	82.9	83.6	83.6
GE 500	63.5	69.3	74.9	76.7	81.9	82.6	83.7	84.3	84.3
GE 400	63.5	69.3	74.9	76.7	82.1	82.9	84.1	84.8	84.8
GE 300	63.6	69.3	74.9	76.7	82.1	82.9	84.4	85.3	85.6
GE 200	63.6	69.3	74.9	76.7	82.3	83.1	85.0	85.9	86.1
GE 100	63.6	69.3	74.9	76.7	82.3	83.1	85.0	85.9	86.3
GE 000	63.6	69.3	74.9	76.7	82.3	83.1	85.0	85.9	86.3

TOTAL NUMBER OF OBSERVATIONS   900

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
      MONTH: NOV HOURS: 06-08

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
20.1	20.3	20.3	20.7	21.0	21.0	21.2	21.4	21.8	22.8
22.1	22.3	22.3	22.8	23.1	23.1	23.3	23.6	23.9	25.1
22.8	23.0	23.0	23.4	23.8	23.8	24.0	24.2	24.6	25.8
22.9	23.1	23.1	23.5	23.9	23.9	24.1	24.3	24.7	25.9
24.9	25.1	25.1	25.6	25.9	25.9	26.3	26.6	27.0	28.2
26.2	26.4	26.4	26.9	27.2	27.2	27.7	27.9	28.3	29.7
29.9	30.2	30.2	30.7	31.0	31.0	31.4	31.7	32.1	33.4
30.3	30.7	30.7	31.1	31.4	31.4	31.9	32.1	32.6	33.9
33.8	34.1	34.1	34.7	35.0	35.0	35.4	35.7	36.1	37.4
36.1	36.4	36.4	37.0	37.3	37.3	37.8	38.1	38.5	39.9
37.2	37.6	37.6	38.1	38.4	38.4	38.9	39.2	39.7	41.0
42.4	42.8	42.8	43.4	43.8	43.8	44.2	44.6	45.0	46.3
43.3	43.7	43.7	43.5	49.9	49.9	50.3	50.7	51.1	52.4
55.2	56.6	56.6	57.4	57.8	57.8	58.2	58.6	59.0	60.3
62.2	62.6	62.6	63.4	63.9	63.9	64.3	64.7	65.1	66.4
70.2	70.8	70.8	71.7	72.1	72.1	72.6	72.9	73.3	74.7
74.7	75.3	75.3	76.3	76.8	76.8	77.2	77.6	78.0	79.3
76.3	77.0	77.0	78.1	78.6	78.6	79.0	79.3	79.8	81.1
76.8	77.4	77.4	78.6	79.0	79.0	79.4	79.8	80.2	81.6
78.8	79.4	79.4	80.5	81.1	81.1	81.6	81.9	82.3	83.7
79.6	80.2	80.2	81.3	81.9	81.9	82.3	82.7	83.1	84.4
81.3	82.0	82.0	83.1	83.7	83.7	84.1	84.4	84.9	86.2
82.1	82.8	82.8	83.9	84.4	84.4	84.9	85.2	85.7	87.0
82.4	83.1	83.1	84.3	84.9	84.9	85.4	85.9	86.2	87.6
82.8	83.4	83.4	84.7	85.2	85.2	85.8	86.1	86.6	87.9
82.9	83.5	83.5	85.0	85.6	85.6	86.2	86.5	87.0	88.3
83.7	84.3	84.3	85.9	86.4	86.4	87.3	87.7	88.1	89.4
84.1	84.8	84.8	85.7	87.2	87.2	88.1	88.4	88.9	90.2
84.4	85.3	85.6	87.7	88.6	88.6	89.4	89.9	90.4	92.1
85.0	85.9	86.1	88.3	89.6	89.6	90.9	91.8	92.8	94.8
85.0	85.9	86.3	88.7	90.0	90.0	91.4	92.4	93.7	98.7
85.0	85.9	86.3	88.7	90.0	90.0	91.4	92.4	93.8	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	15.0	16.0	17.1	17.7	18.6	18.6	18.3	19.0	19.
GE 20000	18.7	19.8	21.0	21.8	22.8	22.8	23.1	23.3	23.
GE 18000	18.3	20.0	21.2	22.0	23.0	23.0	23.3	23.6	23
GE 16000	19.6	20.7	21.9	22.7	23.7	23.7	24.0	24.2	24
GE 14000	22.2	23.3	24.5	25.3	26.3	26.3	26.7	27.1	27.
GE 12000	23.7	24.9	26.1	26.9	28.0	28.0	28.3	28.9	28
GE 10000	27.7	28.9	30.4	31.4	32.6	32.6	32.9	33.4	33
GE 9000	28.1	29.3	30.7	32.1	33.4	33.4	33.8	34.3	34
GE 8000	33.2	34.4	35.1	37.3	38.7	38.7	39.1	39.8	39
GE 7000	35.3	37.0	38.7	39.9	41.2	41.2	41.7	42.3	42
GE 6000	37.1	38.7	40.3	41.6	42.9	42.9	43.3	44.0	44
GE 5000	41.7	43.2	44.9	45.1	47.4	47.6	48.0	48.7	48
GE 4500	44.7	46.2	48.1	49.4	51.0	51.2	51.3	52.4	52
GE 4000	51.9	53.8	56.1	57.3	59.4	59.7	60.4	61.1	61
GE 3500	57.0	59.0	61.4	63.9	66.2	66.4	67.4	68.1	68
GE 3000	61.8	64.2	67.0	69.7	72.2	72.4	73.8	74.6	74
GE 2500	64.2	66.8	69.8	72.7	75.2	75.4	75.8	77.7	77
GE 2000	65.3	68.9	72.3	75.6	78.6	78.8	80.2	81.1	81
GE 1900	66.5	69.2	72.7	75.1	79.1	79.3	80.8	81.7	81
GE 1500	67.9	70.7	74.3	78.0	81.0	81.2	82.7	83.8	83
GE 1200	68.3	71.2	75.0	78.8	81.9	82.1	83.7	84.8	84
GE 1000	69.3	72.4	75.7	80.4	83.5	83.8	85.3	86.4	86
GE 900	69.3	72.4	75.7	80.4	83.6	83.8	85.3	86.6	86
GE 800	69.5	72.7	76.9	80.3	84.0	84.3	86.0	87.2	87
GE 700	69.6	72.7	76.9	80.8	84.0	84.3	86.0	87.3	87
GE 600	69.6	72.7	76.9	80.8	84.2	84.6	86.4	87.9	87
GE 500	69.6	72.7	76.9	80.8	84.3	84.7	86.6	88.3	88
GE 400	69.6	72.7	77.0	80.9	84.7	85.0	86.9	89.0	89
GE 300	69.6	72.7	77.0	80.9	84.7	85.0	87.1	89.2	89
GE 200	69.6	72.7	77.0	80.9	84.7	85.0	87.3	89.6	90
GE 100	69.6	72.7	77.0	80.9	84.7	85.0	87.3	89.6	90
GE 000	69.6	72.7	77.0	80.9	84.7	85.0	87.3	89.6	90

TOTAL NUMBER OF OBSERVATIONS   900

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

FB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 89
                  MONTH: NOV   HOURS: 09-11

LITY IN STATUTE MILES

GE 2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
19.3	19.0	19.0	19.1	19.1	19.1	19.1	19.2	19.2	19.4	
23.1	23.3	23.3	23.4	23.4	23.4	23.4	23.6	23.6	23.9	
23.3	23.6	23.6	23.7	23.7	23.7	23.7	23.9	23.8	24.1	
24.0	24.2	24.2	24.3	24.3	24.3	24.3	24.4	24.4	24.8	
26.7	27.1	27.1	27.3	27.3	27.3	27.3	27.4	27.4	27.8	
28.3	28.9	28.9	29.1	29.1	29.1	29.1	29.2	29.2	29.6	
32.9	33.4	33.4	33.7	33.7	33.7	33.7	33.8	33.8	34.1	
33.2	34.3	34.3	34.5	34.6	34.6	34.5	34.7	34.7	35.0	
39.1	39.8	39.8	40.1	40.2	40.2	40.2	40.3	40.3	40.7	
41.7	42.3	42.3	42.7	42.8	42.8	42.8	42.9	42.9	43.2	
43.3	44.0	44.0	44.3	44.4	44.4	44.4	44.6	44.6	44.9	
48.0	48.7	48.7	49.0	49.1	49.1	49.1	49.2	49.2	49.6	
51.3	52.4	52.4	52.8	52.9	52.9	52.9	53.0	53.0	53.3	
60.4	61.1	61.1	61.4	61.6	61.6	61.6	61.7	61.7	62.0	
67.4	68.1	68.1	68.4	68.5	68.6	68.6	68.7	68.7	69.0	
73.8	74.6	74.6	74.9	75.1	75.1	75.1	75.2	75.3	75.7	
76.5	77.7	77.7	78.0	78.2	78.2	78.2	78.3	78.4	78.8	
80.2	81.1	81.1	81.4	81.7	81.7	81.7	81.8	81.9	82.2	
80.8	81.7	81.7	82.0	82.2	82.2	82.2	82.3	82.4	82.8	
82.7	83.8	83.8	84.1	84.3	84.3	84.3	84.4	84.6	84.9	
83.7	84.8	84.8	85.1	85.3	85.3	85.3	85.4	85.6	85.9	
85.3	86.4	86.4	86.9	87.2	87.2	87.2	87.3	87.4	87.8	
86.3	86.5	86.5	87.0	87.3	87.3	87.3	87.4	87.5	87.9	
86.0	87.2	87.2	87.7	88.0	88.0	88.0	88.1	88.2	88.6	
86.0	87.3	87.3	87.8	88.1	88.1	88.1	88.3	88.6	88.9	
86.4	87.9	87.9	88.6	88.9	88.9	89.1	89.3	89.6	89.9	
86.6	88.3	88.3	89.1	89.6	89.6	89.8	90.0	90.2	90.7	
86.7	89.0	89.2	90.3	90.8	90.8	91.1	91.3	91.6	92.0	
87.1	89.2	89.4	90.9	91.6	91.7	92.1	92.5	93.2	93.7	
87.3	89.6	90.0	92.0	93.2	93.3	94.4	95.0	96.1	96.8	
87.3	89.6	90.0	92.0	93.3	93.4	94.7	95.4	97.1	99.1	
87.3	89.6	90.0	92.0	93.3	93.4	94.7	95.4	97.1	100.0	

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING							VISIBILITY IN STATUTE MILE		
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1
NO CEIL	18.4	19.1	19.7	19.9	20.2	20.2	20.3	20.4	20.
GE 20000	25.4	26.2	27.1	27.3	27.7	27.7	27.8	27.9	27.
GE 18000	26.1	26.9	27.8	28.0	28.3	28.3	28.4	28.6	28.
GE 16000	26.7	27.4	28.3	28.6	28.9	28.9	29.0	29.1	29.
GE 14000	28.4	29.2	30.1	30.3	30.7	30.9	31.0	31.1	31.
GE 12000	30.9	31.7	32.6	32.8	33.1	33.3	33.4	33.6	33.
GE 10000	33.9	35.0	36.2	36.4	36.8	37.1	37.2	37.3	37.
GE 9000	34.3	35.4	36.8	37.0	37.3	37.7	37.8	37.9	37.
GE 8000	40.8	41.9	43.3	43.6	44.0	44.3	44.4	44.6	44.
GE 7000	43.7	44.8	46.2	46.4	47.0	47.3	47.4	47.6	47.
GE 6000	45.3	46.4	48.0	48.3	48.9	49.2	49.3	49.4	49.
GE 5000	48.6	49.8	51.3	51.7	52.2	52.6	52.7	52.8	52.
GE 4500	50.6	51.8	53.8	54.1	54.7	55.0	55.1	55.2	55.
GE 4000	53.2	60.0	62.6	63.2	64.0	64.4	64.7	64.8	64
GE 3500	63.3	65.7	68.3	69.6	70.4	71.0	71.2	71.3	71.
GE 3000	71.7	73.6	76.9	78.6	79.4	80.1	80.8	80.9	80
GE 2500	74.1	76.6	79.9	81.7	82.7	83.3	84.1	84.2	84
GE 2000	75.2	78.0	82.4	84.2	85.7	86.3	87.3	87.5	87
GE 1800	76.6	79.3	82.9	84.9	86.3	87.0	88.0	88.2	88
GE 1500	77.9	80.8	84.3	86.3	87.9	88.6	90.1	90.4	90
GE 1200	78.1	81.0	84.7	86.7	88.2	88.9	90.7	91.2	91
GE 1000	78.6	81.7	85.4	87.4	89.2	89.9	91.7	92.2	92
GE 900	78.7	81.8	85.7	87.7	89.4	90.3	92.1	92.8	92
GE 800	78.7	81.9	85.9	88.1	90.0	90.9	92.7	93.4	93
GE 700	78.7	81.9	86.0	88.2	90.4	91.3	93.2	94.2	94
GE 600	78.9	82.1	86.3	88.6	90.9	91.8	94.0	95.1	95
GE 500	78.9	82.1	86.3	88.6	91.1	92.0	94.3	96.0	96
GE 400	78.9	82.1	86.4	88.7	91.2	92.1	94.7	96.3	96
GE 300	78.9	82.1	86.4	88.7	91.2	92.1	94.8	96.7	96
GE 200	78.9	82.1	86.4	88.7	91.2	92.1	94.8	96.7	97
GE 100	78.9	82.1	86.4	88.7	91.2	92.1	94.8	96.7	97
GE 000	78.9	82.1	86.4	88.7	91.2	92.1	94.8	96.7	97

TOTAL NUMBER OF OBSERVATIONS   900

FEQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 76 - MAY 88
                     MONTH: NOV   HOURS: 12-14

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VY IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0

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20.3	20.4	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6
27.8	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
28.4	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2
31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2
33.4	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4
37.3	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
44.4	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
47.4	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
49.3	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
71.2	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6
80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
87.3	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8
88.0	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
90.1	90.4	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8
90.7	91.2	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6
91.7	92.2	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6
92.1	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
92.7	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8
93.2	94.2	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7
94.0	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7
94.3	96.0	96.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
94.7	96.3	96.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9
94.8	96.7	96.9	98.5	98.8	98.8	98.8	99.0	99.1	99.1
94.8	96.7	97.0	98.8	99.0	99.0	99.2	99.4	99.7	99.7
94.8	96.7	97.0	98.8	99.0	99.0	99.2	99.4	99.7	99.9
94.8	96.7	97.0	98.8	99.0	99.0	99.2	99.4	99.7	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	21.9	22.3	23.6	23.8	24.2	24.3	24.4	24.4	24
GE 20000	25.7	26.3	27.7	27.9	28.3	28.4	28.6	28.6	28
GE 18000	26.1	26.6	27.9	28.1	28.6	28.7	28.8	28.8	28
GE 16000	26.5	27.0	28.3	28.6	29.0	29.1	29.2	29.2	29
GE 14000	29.7	30.3	31.7	32.0	32.4	32.6	32.7	32.7	32
GE 12000	33.2	34.1	35.7	36.0	36.4	36.6	36.7	36.7	36
GE 10000	37.4	38.3	39.9	40.6	41.0	41.1	41.2	41.2	41
GE 9000	37.3	38.7	40.2	40.9	41.3	41.4	41.6	41.6	41
GE 8000	42.7	43.8	45.7	46.6	47.4	47.6	47.7	47.7	47
GE 7000	45.4	46.6	48.5	49.4	50.3	50.4	50.6	50.6	50
GE 6000	46.1	47.3	49.3	50.2	51.1	51.2	51.3	51.3	51
GE 5000	48.3	50.0	52.1	53.0	53.9	54.0	54.1	54.1	54
GE 4500	50.7	51.9	54.0	54.9	55.8	55.9	55.0	55.0	56
GE 4000	59.9	61.1	63.6	64.4	65.9	66.0	66.1	66.1	66
GE 3500	66.0	67.7	70.3	71.7	73.3	73.4	73.6	73.6	73
GE 3000	74.0	76.0	79.3	80.9	83.1	83.2	83.6	83.7	83
GE 2500	76.1	78.1	81.8	83.3	85.7	85.9	86.2	86.3	86
GE 2000	78.0	80.4	84.3	86.3	88.9	89.1	89.4	89.8	89
GE 1800	78.4	80.9	85.0	87.1	89.7	89.9	90.2	90.7	90
GE 1500	79.2	81.7	86.1	88.2	91.1	91.3	92.1	92.7	92
GE 1200	79.9	82.3	87.0	89.3	92.2	92.4	93.2	93.8	93
GE 1000	80.0	82.6	87.3	89.3	92.8	93.0	93.8	94.3	94
GE 900	80.1	82.7	87.4	89.3	93.0	93.2	94.0	94.6	94
GE 800	80.1	82.7	87.6	90.0	93.1	93.4	94.8	95.3	95
GE 700	80.4	83.0	88.1	90.6	93.7	94.0	96.0	96.6	96
GE 600	80.6	83.1	88.2	90.7	93.8	94.1	96.3	97.0	97
GE 500	80.6	83.1	88.4	90.9	94.3	94.7	97.2	97.9	98
GE 400	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.0	98
GE 300	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.2	98
GE 200	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.2	98
GE 100	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.2	98
GE 000	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.2	98

VISIBILITY IN STATUTE MILES

TOTAL NUMBER OF OBSERVATIONS   900

β

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON	PERIOD OF RECORD: JUN 78 - MAY 88
	MONTH: NOV HOURS: 15-17

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6
28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9
29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3
32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8
36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7
47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
55.0	55.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
86.2	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
89.4	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.2	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
92.1	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
93.2	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
93.3	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7
94.0	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
94.8	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
96.0	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
96.3	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
97.2	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4
97.3	98.0	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.8
97.3	98.2	98.3	98.7	99.0	99.0	99.1	99.2	99.2	99.3
97.3	98.2	98.3	98.7	99.1	99.1	99.2	99.3	99.4	99.7
97.3	98.2	98.3	98.7	99.1	99.1	99.2	99.3	99.4	100.0
97.3	98.2	98.3	98.7	99.1	99.1	99.2	99.3	99.4	100.0

D - 2 - 96

6

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURREN(
USAFETAC, ASHEVILLE NC FROM HOURLY OBSER\

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET								VISIBILITY IN STATUTE MILES	
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	25.2	26.8	27.9	28.1	28.9	28.9	29.0	29.2	29.2
GE 20000	26.7	28.4	30.0	30.3	31.2	31.2	31.3	31.6	31.6
GE 18000	26.8	28.7	30.2	30.6	31.4	31.4	31.6	31.8	31.8
GE 16000	26.9	29.8	30.3	30.7	31.6	31.5	31.7	31.9	31.9
GE 14000	28.9	30.9	32.3	32.7	33.6	33.6	33.7	33.9	33.9
GE 12000	30.6	32.4	34.0	34.3	35.3	35.4	35.7	35.9	35.9
GE 10000	34.4	36.4	38.0	38.6	39.6	39.7	39.9	40.1	40.1
GE 9000	35.0	37.0	38.6	39.2	40.2	40.3	40.5	40.8	40.8
GE 8000	39.1	41.1	42.7	43.3	44.7	44.8	45.0	45.2	45.2
GE 7000	41.9	43.9	45.4	46.1	47.4	47.6	47.8	48.0	48.0
GE 6000	42.4	44.4	46.0	46.7	48.0	48.1	48.3	48.6	48.6
GE 5000	45.8	47.9	49.8	50.4	51.8	51.9	52.1	52.3	52.3
GE 4500	48.8	51.0	52.9	53.7	55.0	55.1	55.3	55.6	55.6
GE 4000	57.5	60.3	62.6	63.3	64.9	65.1	65.4	65.7	65.7
GE 3500	63.7	66.9	69.7	70.9	72.4	72.7	73.1	73.3	73.3
GE 3000	69.2	72.9	75.8	77.1	79.2	79.4	79.9	80.1	80.1
GE 2500	71.4	75.4	78.3	80.3	82.8	83.0	83.7	83.9	83.9
GE 2000	73.2	77.2	81.0	82.7	85.4	85.9	86.7	87.0	87.0
GE 1800	73.5	77.9	81.7	83.3	86.1	86.6	87.4	87.8	87.8
GE 1500	74.4	78.8	82.7	84.6	87.6	88.0	89.3	89.8	89.8
GE 1200	74.8	79.1	83.3	85.2	88.3	88.8	90.1	90.6	90.6
GE 1000	74.9	79.2	83.9	85.9	89.1	89.6	90.9	91.3	91.3
GE 900	74.9	79.2	83.9	86.1	89.3	89.8	91.1	91.6	91.6
GE 800	75.0	79.3	84.0	86.2	89.6	90.0	91.3	91.8	91.8
GE 700	75.0	79.3	84.0	86.2	89.7	90.1	91.4	91.9	91.9
GE 600	75.0	79.3	84.0	86.6	90.4	90.9	92.4	93.3	93.3
GE 500	75.0	79.7	84.3	86.9	91.1	91.6	93.3	94.2	94.2
GE 400	75.1	79.7	84.3	86.9	91.2	91.7	93.5	94.9	94.9
GE 300	75.0	79.7	84.3	87.0	91.4	91.9	93.8	95.3	95.3
GE 200	75.0	79.7	84.3	87.0	91.4	91.9	93.8	95.3	95.3
GE 100	75.0	79.7	84.3	87.1	91.6	92.0	93.9	95.4	95.4
GE 000	75.0	79.7	84.3	87.1	91.6	92.0	93.9	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS 900

β D - 2 - 97

WASHINGTON   PERIOD OF RECORD: JUN 79 - MAY 88
                    MONTH: NOV   HOURS: 18-20

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TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
29.0	29.2	29.2	29.4	29.5	29.6	29.7	29.7	29.9	30.1
31.3	31.6	31.5	31.8	31.9	31.9	32.1	32.1	32.3	32.5
31.5	31.8	31.8	32.0	32.1	32.1	32.3	32.3	32.5	32.3
31.7	31.9	31.9	32.1	32.2	32.2	32.4	32.4	32.7	32.9
33.7	33.9	33.9	34.1	34.2	34.2	34.4	34.4	34.7	34.9
35.7	35.9	35.9	36.1	36.2	36.2	36.4	36.4	36.7	36.9
39.9	40.1	40.1	40.3	40.4	40.4	40.7	40.7	40.9	41.1
42.5	42.8	42.8	41.0	41.1	41.1	41.3	41.3	41.6	41.8
45.0	45.2	45.2	45.4	45.6	45.6	45.8	45.8	46.0	46.2
47.8	48.0	48.0	48.2	48.3	48.3	48.6	48.6	48.8	49.0
48.3	48.6	48.5	48.8	48.9	48.9	49.1	49.1	49.3	49.6
52.1	52.3	52.3	52.6	52.7	52.7	52.9	52.9	53.1	53.3
55.3	55.6	55.5	55.8	55.9	55.9	56.1	56.1	56.3	56.5
65.4	65.7	65.7	65.9	66.0	66.0	66.2	66.2	66.4	66.7
73.1	73.3	73.3	73.5	73.7	73.7	73.9	73.9	74.1	74.3
79.9	80.1	80.1	80.3	80.4	80.4	80.7	80.7	80.9	81.1
83.7	83.9	83.9	84.2	84.4	84.4	84.8	84.8	85.0	85.2
85.7	87.0	87.0	87.3	87.6	87.6	87.9	87.9	88.1	88.3
87.4	87.8	87.8	88.1	88.3	88.3	88.7	88.7	88.9	89.1
89.3	89.8	89.8	90.2	90.4	90.4	90.8	90.8	91.0	91.2
90.1	90.6	90.6	91.0	91.2	91.2	91.6	91.5	91.8	92.0
90.9	91.3	91.3	91.8	92.0	92.0	92.3	92.3	92.6	92.8
91.1	91.6	91.6	92.0	92.2	92.2	92.6	92.6	92.8	93.0
91.3	91.8	91.8	92.2	92.4	92.4	92.8	92.8	93.0	93.2
91.4	91.9	91.9	92.4	92.7	92.7	93.0	93.0	93.2	93.4
92.4	93.3	93.3	93.9	94.1	94.1	94.6	94.6	94.9	95.0
93.3	94.2	94.2	94.9	95.1	95.1	95.6	95.6	95.8	96.0
93.5	94.9	94.9	95.6	95.8	95.8	96.2	96.2	96.4	96.7
93.8	95.3	95.3	96.1	96.3	96.3	97.0	97.0	97.2	97.4
93.8	95.3	95.3	95.3	96.6	96.6	97.3	97.3	97.6	98.2
93.9	95.4	95.4	96.6	96.8	96.8	97.7	97.8	98.0	99.6
93.9	95.4	95.4	96.6	96.8	96.8	97.7	97.8	98.0	100.0

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	19.7	20.8	22.8	24.9	26.9	27.1	27.3	28.1	28.1
GE 20000	21.4	22.7	25.1	27.2	29.2	29.4	30.2	30.6	30.6
GE 18000	21.5	23.0	25.4	27.7	29.7	29.9	30.7	31.0	31.
GE 16000	21.5	23.0	25.4	27.7	29.7	29.9	30.7	31.0	31.
GE 14000	22.2	23.7	26.1	28.3	30.3	30.6	31.3	31.7	31.
GE 12000	24.0	25.4	27.9	30.1	32.1	32.3	33.1	33.4	33.
GE 10000	27.3	28.8	31.3	34.0	36.4	36.7	37.4	37.8	37.
GE 9000	28.3	29.8	32.3	35.0	37.4	37.7	38.4	38.8	38.
GE 8000	32.4	33.9	36.4	39.1	41.7	42.0	42.9	43.3	43.
GE 7000	34.7	36.1	38.7	41.3	43.9	44.2	45.1	45.6	45.
GE 6000	35.2	37.7	40.2	42.9	45.4	45.8	46.7	47.1	47.
GE 5000	40.8	42.4	45.3	48.2	50.8	51.1	52.0	52.4	52.
GE 4500	45.1	46.8	49.9	53.1	55.8	56.1	57.0	57.4	57.
GE 4000	51.1	53.9	57.1	60.3	63.2	63.5	64.6	65.0	65.
GE 3500	57.1	60.1	63.6	66.9	70.1	70.4	71.4	71.9	71.
GE 3000	60.9	64.2	68.6	72.1	76.0	76.3	77.4	77.9	77.
GE 2500	62.4	66.3	70.9	74.4	78.3	78.9	80.0	80.4	80.
GE 2000	63.7	68.1	72.7	76.9	81.1	81.7	82.8	83.2	83.
GE 1800	64.1	68.8	73.3	77.7	82.1	82.7	83.8	84.2	84.
GE 1500	65.1	69.9	74.6	79.0	83.4	84.0	85.4	85.9	85.
GE 1200	65.4	70.3	75.1	79.6	84.2	84.8	86.2	86.7	86.
GE 1000	65.8	70.9	75.8	80.4	85.1	85.7	87.1	87.6	87.
GE 900	65.9	71.0	75.9	80.6	85.6	86.1	87.6	88.2	88.
GE 800	66.1	71.2	76.1	80.8	85.8	86.3	87.9	88.3	88
GE 700	66.2	71.3	76.2	81.0	86.0	86.6	88.1	88.7	88.
GE 600	66.3	71.4	76.4	81.2	86.3	86.9	88.4	89.0	89
GE 500	66.3	71.6	76.7	81.6	87.0	87.6	89.3	90.0	90
GE 400	66.3	71.6	76.8	81.7	87.4	88.0	89.8	90.6	90
GE 300	66.3	71.6	76.8	81.7	87.4	88.0	89.8	90.6	90
GE 200	66.3	71.6	76.8	81.7	87.4	88.0	89.9	90.7	90
GE 100	66.3	71.6	76.8	81.7	87.6	88.2	90.1	91.2	91
GE 000	66.3	71.6	76.8	81.7	87.6	88.2	90.1	91.2	91

TOTAL NUMBER OF OBSERVATIONS   900

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
    FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: NOV   HOURS: 21-23

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VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
27.8	28.1	28.1	28.7	28.9	28.9	29.3	29.4	29.7	30.2
30.2	30.6	30.6	31.1	31.3	31.3	31.8	31.9	32.2	32.8
30.7	31.0	31.0	31.6	31.8	31.8	32.2	32.3	32.7	33.2
30.7	31.0	31.0	31.6	31.8	31.8	32.3	32.4	32.8	33.3
31.3	31.7	31.7	32.2	32.4	32.4	33.0	33.1	33.4	34.0
33.1	33.4	33.4	34.0	34.2	34.2	34.8	34.9	35.2	35.8
37.4	37.8	37.8	38.3	38.6	38.6	39.1	39.2	39.6	40.1
38.4	38.8	38.8	39.3	39.6	39.6	40.1	40.2	40.5	41.1
42.9	43.3	43.3	44.0	44.2	44.2	44.8	44.9	45.2	45.8
45.1	45.6	45.6	46.2	46.4	46.4	47.0	47.1	47.4	48.0
46.7	47.1	47.1	47.8	48.0	48.0	48.6	48.7	49.0	49.6
52.0	52.4	52.4	53.1	53.3	53.3	53.9	54.0	54.3	54.9
57.0	57.4	57.4	58.1	58.3	58.3	58.9	59.0	59.3	60.0
64.5	65.0	65.0	65.7	65.9	65.9	66.4	66.6	66.9	67.6
71.4	71.9	71.9	72.6	72.8	72.8	73.3	73.4	73.8	74.4
77.4	77.9	77.9	78.6	78.8	78.8	79.6	79.7	80.0	80.7
80.0	80.4	80.6	81.4	81.9	81.9	82.7	82.8	83.1	83.8
82.3	83.2	83.3	84.2	84.7	84.7	85.4	85.6	85.9	86.6
83.3	84.2	84.3	85.2	85.7	85.7	86.4	86.6	86.9	87.6
85.4	85.9	86.0	86.9	87.3	87.3	88.1	88.2	88.6	89.2
85.2	85.7	86.3	87.7	88.1	88.1	88.9	89.0	89.3	90.0
87.1	87.6	87.7	88.5	89.0	89.0	89.8	89.9	90.2	90.9
87.6	88.0	88.1	89.0	89.4	89.4	90.2	90.3	90.7	91.3
87.9	88.3	88.4	89.3	89.8	89.8	90.6	90.7	91.0	91.7
88.1	88.7	88.8	90.7	90.1	90.1	90.9	91.0	91.3	92.0
88.4	89.0	89.1	90.0	90.4	90.4	91.2	91.2	91.7	92.3
89.3	90.0	90.1	91.0	91.4	91.4	92.2	92.3	92.7	93.3
89.8	90.6	90.7	91.7	92.1	92.1	92.9	93.0	93.3	94.0
89.8	90.6	90.8	92.0	92.6	92.6	93.9	94.1	94.4	95.1
89.9	90.7	90.9	92.1	92.8	92.8	94.2	94.4	94.8	95.6
90.1	91.2	91.4	92.7	93.3	93.3	95.2	95.7	96.0	98.4
90.1	91.2	91.4	92.7	93.3	93.3	95.2	95.7	96.0	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

CEILING IN FEET		VISIBILITY IN STATUTE MILES							
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	17.9	19.2	20.6	21.5	22.8	23.0	23.5	23.8	23.9
GE 20000	20.5	22.0	23.6	24.6	26.0	26.2	26.7	27.0	27.0
GE 18000	20.3	22.3	23.9	24.9	26.3	26.5	27.0	27.4	27.4
GE 16000	21.1	22.5	24.2	25.2	26.6	26.8	27.3	27.6	27.6
GE 14000	22.6	24.0	25.8	26.8	28.2	28.5	29.0	29.3	29.3
GE 12000	24.3	25.8	27.6	28.7	30.2	30.5	31.0	31.3	31.3
GE 10000	27.5	29.2	31.2	32.4	34.1	34.4	34.9	35.3	35.3
GE 9000	28.1	29.8	31.8	33.0	34.7	35.0	35.5	36.0	36.0
GE 8000	32.5	34.2	36.4	37.6	39.5	39.9	40.5	41.0	41.0
GE 7000	34.9	36.6	38.8	40.1	42.0	42.4	43.0	43.4	43.4
GE 6000	36.1	37.9	40.1	41.4	43.3	43.7	44.3	44.8	44.8
GE 5000	40.0	41.9	44.2	45.6	47.6	48.1	48.7	49.2	49.2
GE 4500	43.4	45.5	48.1	49.6	51.7	52.2	52.8	53.3	53.3
GE 4000	51.2	53.8	56.7	58.3	60.6	61.2	61.9	62.4	62.4
GE 3500	56.7	59.5	62.7	64.6	67.1	67.7	68.5	69.0	69.0
GE 3000	62.3	65.5	69.1	71.3	74.2	74.7	75.8	76.3	76.
GE 2500	64.3	68.2	72.1	74.4	77.5	78.1	79.2	79.8	79.
GE 2000	66.3	70.0	74.1	76.5	80.0	80.7	81.9	82.6	82.
GE 1800	66.5	70.4	74.5	77.2	80.6	81.3	82.5	83.2	83.
GE 1500	67.8	71.6	75.9	78.6	82.1	82.8	84.2	85.0	85.
GE 1200	68.2	72.1	76.6	79.3	82.9	83.6	85.1	85.9	85.
GE 1000	68.8	72.8	77.5	80.3	84.1	84.8	86.3	87.1	87.
GE 900	68.9	72.9	77.6	80.5	84.3	85.1	86.6	87.4	87.
GE 800	69.0	73.1	77.8	80.8	84.7	85.4	87.1	87.9	87.
GE 700	69.3	73.3	78.1	81.1	85.0	85.8	87.5	88.4	88.
GE 600	69.3	73.4	78.2	81.3	85.3	86.1	88.0	89.0	89.
GE 500	69.5	73.5	78.5	81.7	85.9	86.9	88.8	89.9	90.
GE 400	69.5	73.6	78.6	81.7	86.2	87.0	89.2	90.4	90.
GE 300	69.5	73.6	78.6	81.8	86.3	87.1	89.4	90.8	91.
GE 200	69.5	73.6	78.6	81.8	86.3	87.2	89.6	91.1	91.
GE 100	69.5	73.6	78.6	81.8	86.4	87.2	89.7	91.2	91.
GE 000	69.5	73.6	78.6	81.8	86.4	87.2	89.7	91.2	91.

TOTAL NUMBER OF OBSERVATIONS 7200

A

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: NOV HOURS: ALL

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
23.5	23.8	23.8	24.2	24.5	24.5	24.7	24.8	25.0	25.5
26.7	27.0	27.0	27.4	27.7	27.7	27.9	28.0	28.2	28.7
27.0	27.4	27.4	27.7	28.0	28.0	28.3	28.3	28.6	29.1
27.3	27.6	27.6	27.9	28.3	28.3	28.5	28.6	28.8	29.3
29.0	29.3	29.3	29.7	30.0	30.0	30.3	30.4	30.6	31.1
31.0	31.3	31.3	31.7	32.1	32.1	32.3	32.4	32.6	33.2
34.9	35.3	35.3	35.7	36.1	36.1	36.4	36.4	36.7	37.2
35.5	36.0	36.0	36.3	36.7	36.7	37.0	37.1	37.3	37.8
40.5	41.0	41.0	41.4	41.8	41.8	42.1	42.2	42.4	42.9
43.0	43.4	43.4	43.9	44.3	44.3	44.6	44.7	44.9	45.4
44.3	44.8	44.8	45.2	45.6	45.6	45.9	46.0	46.2	46.8
48.7	49.2	49.2	49.7	50.0	50.0	50.3	50.4	50.7	51.2
52.8	53.3	53.3	53.8	54.2	54.2	54.5	54.6	54.9	55.5
61.9	62.4	62.4	62.9	63.3	63.3	63.6	63.7	64.0	64.6
68.5	69.0	69.0	69.5	69.8	69.9	70.3	70.3	70.6	71.2
75.8	76.3	76.4	76.9	77.3	77.3	77.7	77.8	78.1	78.7
79.2	79.8	79.9	80.5	81.0	81.0	81.4	81.5	81.8	82.4
81.9	82.5	82.5	83.2	83.7	83.7	84.1	84.2	84.5	85.1
82.5	83.2	83.2	83.8	84.3	84.3	84.7	84.8	85.1	85.7
84.2	85.0	85.0	85.6	86.1	86.1	86.6	86.7	86.9	87.5
85.1	85.9	85.9	86.6	87.1	87.1	87.5	87.6	87.9	88.5
86.3	87.1	87.1	87.8	88.3	88.3	88.7	88.9	89.1	89.7
86.6	87.4	87.4	88.1	88.7	88.7	89.1	89.2	89.4	90.1
87.1	87.9	87.9	88.6	89.2	89.2	89.6	89.7	90.0	90.6
87.5	88.4	88.5	89.2	89.7	89.7	90.2	90.3	90.5	91.2
88.0	89.0	89.0	89.8	90.4	90.4	90.9	91.0	91.3	91.9
88.8	89.9	90.0	90.9	91.4	91.4	92.0	92.1	92.4	93.0
89.2	90.4	90.5	91.6	92.2	92.2	92.7	92.8	93.1	93.8
89.4	90.8	91.0	92.2	93.0	93.1	93.8	94.0	94.3	95.1
89.6	91.1	91.3	92.8	93.8	93.8	94.8	95.2	95.7	96.7
89.7	91.2	91.5	93.0	94.1	94.1	95.2	95.8	96.5	99.1
89.7	91.2	91.5	93.0	94.1	94.1	95.2	95.8	96.6	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	16.7	18.3	20.1	21.4	24.5	24.6	25.1	25.4	25.
GE 20000	17.1	18.8	21.0	22.3	25.4	25.5	25.9	25.2	26.
GE 18000	17.1	18.8	21.0	22.3	25.4	25.5	25.9	25.2	25.
GE 16000	17.1	18.8	21.0	22.3	25.4	25.5	25.9	25.2	26.
GE 14000	18.0	19.7	21.9	23.2	26.3	26.5	26.9	27.2	27.
GE 12000	18.9	20.6	22.9	24.2	27.3	27.4	27.8	28.2	28.
GE 10000	21.2	22.9	25.4	26.7	30.2	30.3	30.8	31.2	31.
GE 9000	21.8	23.5	25.9	27.3	30.9	31.0	31.4	31.8	31.
GE 8000	24.9	26.6	29.2	30.5	34.2	34.3	34.7	35.2	35.
GE 7000	26.5	28.4	30.9	32.2	36.2	36.3	36.9	37.5	37.
GE 6000	28.2	30.5	33.2	34.5	38.6	38.7	39.6	40.2	40.
GE 5000	32.2	34.7	37.4	39.2	43.5	43.7	44.5	45.2	45.
GE 4500	35.5	38.4	41.2	43.3	47.8	48.0	48.8	49.6	49.
GE 4000	40.0	43.1	46.3	48.8	53.7	53.8	54.6	55.4	55.
GE 3500	44.8	48.6	52.3	54.9	59.9	60.1	61.0	61.7	61.
GE 3000	49.6	53.8	57.7	60.6	66.7	66.9	67.8	68.7	68.
GE 2500	52.2	56.3	60.5	63.8	69.8	70.0	71.1	71.9	72.
GE 2000	53.7	58.1	62.5	65.9	72.0	72.3	73.3	74.2	74.
GE 1800	54.0	58.5	62.9	66.5	72.7	72.9	74.0	74.9	75.
GE 1500	55.7	60.3	64.7	68.5	75.1	75.3	76.3	77.6	77.
GE 1200	56.1	60.9	65.4	69.2	75.8	76.0	77.1	78.4	78.
GE 1000	56.5	61.3	65.9	69.8	76.3	76.6	77.6	78.9	79
GE 900	56.6	61.4	66.1	70.0	76.6	76.8	78.0	79.2	79
GE 800	56.8	61.7	66.5	70.4	77.0	77.2	78.4	79.7	79
GE 700	56.8	61.7	66.5	70.4	77.0	77.2	78.6	79.9	80.
GE 600	56.8	61.7	66.8	70.9	77.5	77.7	79.6	80.9	81
GE 500	56.9	61.8	66.9	71.2	78.0	78.2	80.2	81.6	81
GE 400	56.9	61.8	66.9	71.2	78.0	78.2	81.0	82.5	82
GE 300	56.9	61.9	67.0	71.3	78.2	78.4	81.3	82.8	82
GE 200	56.9	61.9	67.0	71.3	78.3	78.5	81.5	83.2	83
GE 100	56.9	61.9	67.0	71.3	78.4	78.6	81.6	83.3	83
GE 000	56.9	61.9	67.0	71.3	78.4	78.6	81.6	83.3	83

TOTAL NUMBER OF OBSERVATIONS   930

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WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC HOURS: 00-02

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
25.1	25.4	25.5	26.0	26.7	26.8	27.6	27.8	28.0	28.8
25.9	26.2	26.3	26.9	27.5	27.6	28.5	28.8	28.9	29.8
25.9	26.2	26.3	26.9	27.5	27.6	28.5	28.8	28.9	29.8
25.9	26.2	26.3	26.9	27.5	27.6	28.5	28.8	28.9	29.8
26.9	27.2	27.3	27.8	28.5	28.6	29.5	29.8	29.9	30.8
27.8	28.2	28.3	29.0	29.7	29.8	30.6	31.0	31.1	32.0
30.3	31.2	31.3	32.0	32.7	32.8	33.7	34.0	34.1	35.1
31.4	31.8	31.8	32.7	33.3	33.4	34.3	34.6	34.7	35.7
34.7	35.2	35.3	36.2	36.9	37.0	37.8	38.2	38.3	39.2
36.9	37.5	37.6	38.6	39.4	39.5	40.3	40.6	40.8	41.7
39.6	40.2	40.3	41.3	42.0	42.2	43.0	43.3	43.4	44.4
44.5	45.2	45.3	46.2	47.0	47.1	48.0	48.3	48.4	49.4
48.3	48.6	48.7	50.3	51.5	51.6	52.5	52.8	52.9	53.9
54.6	55.4	55.5	56.6	57.3	57.4	58.4	58.7	58.9	60.2
61.0	61.7	61.8	62.9	63.9	64.0	64.9	65.3	65.5	66.3
67.8	68.7	68.8	70.1	71.1	71.2	72.3	72.6	72.8	74.1
71.1	71.9	72.0	73.4	74.4	74.5	75.7	76.0	76.2	77.5
73.3	74.2	74.3	75.9	76.9	77.0	78.2	78.5	78.8	80.2
74.0	74.9	75.1	76.7	77.6	77.7	78.9	79.2	79.6	81.0
76.3	77.6	77.7	79.4	80.3	80.4	81.6	81.9	82.3	83.7
77.1	78.4	78.5	80.1	81.1	81.2	82.4	82.7	83.0	84.4
77.6	78.9	79.0	80.6	81.7	81.8	83.1	83.4	83.8	85.2
78.0	79.2	79.4	81.0	82.0	82.2	83.4	83.8	84.1	85.5
78.4	79.7	79.8	81.4	82.5	82.6	83.9	84.2	84.5	85.9
78.6	79.9	80.0	81.6	82.7	82.8	84.1	84.4	84.7	86.1
79.6	80.9	81.0	82.7	83.9	84.0	85.3	85.6	85.9	87.3
80.2	81.6	81.7	83.5	84.7	84.8	86.1	86.5	86.8	88.2
81.0	82.5	82.6	84.5	85.8	85.9	87.3	87.6	88.0	89.4
81.3	82.8	82.9	85.1	86.7	86.8	88.2	88.7	89.2	92.5
81.5	83.2	83.3	85.7	87.5	87.6	89.5	90.2	91.4	96.8
81.6	83.3	83.4	85.8	87.7	87.8	89.9	90.9	92.5	99.0
81.6	83.3	83.4	85.8	87.7	87.8	89.9	90.9	92.5	100.0

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	14.2	15.6	16.1	18.3	21.3	21.7	22.3	23.4	23.5
GE 20000	15.1	16.8	17.3	19.5	22.5	22.9	23.4	24.6	24.7
GE 18000	15.1	16.8	17.3	19.5	22.5	22.9	23.4	24.6	24.7
GE 16000	15.1	16.8	17.3	19.5	22.5	22.9	23.4	24.6	24.7
GE 14000	15.7	17.4	18.0	20.1	23.1	23.5	24.1	25.3	25.4
GE 12000	16.9	18.5	19.1	21.3	24.3	24.7	25.4	26.6	26.7
GE 10000	19.1	20.1	21.1	23.4	26.6	27.2	27.8	29.0	29.1
GE 9000	19.4	20.4	21.4	23.8	26.9	27.5	28.2	29.4	29.5
GE 9000	20.5	22.7	23.9	26.5	29.9	30.5	31.3	32.6	32.7
GE 7000	21.5	23.7	24.8	27.4	31.0	31.6	32.4	33.7	33.8
GE 6000	22.2	24.5	25.7	28.4	31.9	32.6	33.3	34.5	34.7
GE 5000	26.5	29.6	31.0	33.9	37.7	38.4	39.1	40.4	40.5
GE 4500	32.7	35.5	38.4	41.7	45.8	46.5	47.3	48.8	48.9
GE 4000	37.5	41.3	44.2	47.6	52.2	53.0	54.1	55.6	55.8
GE 3500	41.3	45.4	48.6	52.2	56.9	57.7	58.9	60.4	60.6
GE 3000	46.5	51.0	54.6	58.6	64.0	64.8	66.3	68.1	68.3
GE 2500	49.7	54.5	58.4	62.7	68.6	69.5	71.2	72.9	73.1
GE 2000	51.2	56.2	60.4	64.9	71.1	71.9	74.0	75.7	75.9
GE 1800	51.5	56.7	60.9	65.4	71.6	72.5	74.5	76.2	76.5
GE 1500	53.0	58.4	62.7	67.3	73.9	74.7	76.9	78.7	78.9
GE 1200	53.9	59.2	63.7	68.3	74.9	75.8	78.0	79.8	80.0
GE 1000	54.5	59.9	64.3	69.0	75.8	76.7	79.0	81.1	81.3
GE 900	54.5	60.0	64.5	69.2	76.2	77.2	79.6	81.6	81.8
GE 800	54.5	60.0	64.7	69.5	76.6	77.5	79.9	81.9	82.2
GE 700	54.5	60.0	64.7	69.5	76.6	77.6	80.0	82.2	82.4
GE 600	55.1	60.4	65.3	70.0	77.2	78.3	80.6	82.9	83.1
GE 500	55.1	60.4	65.5	70.5	77.7	78.9	81.4	83.7	83.9
GE 400	55.1	60.5	65.6	70.5	77.8	79.0	81.8	84.3	84.5
GE 300	55.2	60.6	65.7	71.0	78.5	79.7	82.6	85.3	85.5
GE 200	55.2	60.6	65.7	71.4	79.1	80.3	83.3	86.0	86.2
GE 100	55.2	60.6	65.7	71.4	79.2	80.4	83.4	86.2	86.5
GE 000	55.2	60.6	65.7	71.4	79.2	80.4	83.4	86.2	86.5

TOTAL NUMBER OF OBSERVATIONS   930

A   D - 2 - 101

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
    FROM HOURLY OBSERVATIONS

AFB WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                         MONTH: DEC   HOURS: 03-05

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ILITY IN STATUTE MILES

	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0

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7	22.3	23.4	23.5	24.1	24.3	24.3	25.2	25.5	25.9	27.1
9	23.4	24.6	24.7	25.3	25.5	25.5	25.3	26.7	27.1	28.3
2	23.4	24.6	24.7	25.3	25.5	25.5	26.3	26.7	27.1	28.3
9	23.4	24.6	24.7	25.3	25.5	25.5	26.3	26.7	27.1	28.3
5	24.1	25.3	25.4	25.9	26.1	26.1	27.0	27.3	27.7	28.9
7	25.4	25.5	26.7	27.2	27.4	27.4	28.3	28.6	29.0	30.2
2	27.6	29.0	29.1	29.8	30.0	30.0	30.9	31.2	31.6	32.8
1	28.2	29.4	29.5	30.1	30.3	30.3	31.2	31.5	31.9	33.1
5	31.3	32.6	32.7	33.3	33.5	33.5	34.4	34.7	35.2	36.3
2	32.4	33.7	33.8	34.4	34.6	34.6	35.5	35.8	36.2	37.4
2	33.3	34.5	34.7	35.4	35.6	35.6	36.5	36.8	37.2	38.4
	39.1	40.4	40.5	41.2	41.4	41.4	42.3	42.6	43.0	44.2
	42.3	43.8	48.9	49.6	49.8	49.8	50.6	51.0	51.4	52.6
9	54.1	55.6	55.8	56.5	56.7	56.7	57.5	57.9	58.3	59.5
7	59.9	60.4	60.6	61.3	61.5	61.5	62.4	62.7	63.1	64.4
5	56.3	58.1	58.3	59.1	59.4	69.4	70.3	70.6	71.1	72.5
	71.2	72.9	73.1	74.2	74.4	74.4	75.4	75.7	76.1	77.5
	74.0	75.7	75.9	77.0	77.2	77.2	78.2	78.5	78.9	80.3
	74.5	75.2	76.5	77.5	77.7	77.7	78.7	79.0	79.5	80.9
	76.9	78.7	78.9	80.0	80.2	80.2	81.2	81.5	81.9	83.3
	78.0	79.8	80.0	81.1	81.3	81.3	82.3	82.6	83.0	84.4
	79.0	81.1	81.3	82.4	82.6	82.6	83.8	84.1	84.5	85.9
	79.6	81.6	81.8	83.0	83.2	83.2	84.4	84.7	85.2	86.6
	79.9	81.9	82.2	83.3	83.5	83.5	84.7	85.1	85.5	86.9
	80.0	82.2	82.4	83.5	83.8	83.8	84.9	85.3	85.7	87.1
	80.6	82.9	83.1	84.3	84.5	84.5	85.7	86.0	86.5	87.8
	81.4	83.7	83.9	85.1	85.3	85.3	86.5	86.8	87.2	88.6
	81.8	84.3	84.5	85.8	86.1	86.1	87.3	87.6	88.1	89.6
	82.5	85.3	85.5	86.8	87.2	87.2	88.5	88.9	89.7	92.6
	83.3	86.0	86.2	88.0	88.4	88.6	90.2	90.6	92.2	96.5
	83.4	86.2	86.5	88.2	88.5	88.8	90.5	91.2	93.0	98.7
	83.4	86.2	86.5	88.2	88.6	88.8	90.5	91.2	93.0	100.0

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STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	12.9	14.0	15.8	16.8	19.0	19.4	19.8	20.3	20.
GE 20000	14.8	15.0	18.0	18.9	21.3	21.6	22.0	22.6	22.
GE 18000	14.8	15.1	18.1	19.0	21.4	21.7	22.2	22.7	22.
GE 16000	14.9	15.1	18.1	19.0	21.4	21.7	22.2	22.7	22.
GE 14000	16.0	17.3	19.2	20.2	22.5	22.9	23.3	23.9	23.
GE 12000	18.0	19.2	21.3	22.3	24.6	24.9	25.4	25.9	25.
GE 10000	20.4	21.8	24.1	25.2	27.6	28.0	28.4	28.9	28.
GE 9000	20.8	22.2	24.4	25.5	28.0	28.3	28.7	29.2	29.
GE 8000	25.1	26.9	29.1	30.4	33.0	33.3	33.9	34.4	34.
GE 7000	25.8	27.7	30.0	31.3	33.9	34.2	34.7	35.3	35.
GE 6000	26.6	28.7	31.0	32.4	34.9	35.3	35.8	36.3	36.
GE 5000	31.4	33.7	36.2	38.1	41.1	41.4	41.9	42.5	42.
GE 4500	35.5	38.7	41.5	43.7	47.0	47.3	48.1	48.6	48.
GE 4000	41.8	44.2	47.8	50.2	53.9	54.2	54.9	55.5	55.
GE 3500	46.8	49.4	53.3	56.0	60.0	60.3	61.1	61.6	61.
GE 3000	51.3	54.2	58.5	61.3	66.0	66.5	67.4	68.1	68.
GE 2500	55.2	58.3	62.7	65.6	70.9	71.3	72.4	73.0	73.
GE 2000	56.5	59.8	64.4	67.5	73.1	73.5	74.7	75.4	75.
GE 1800	56.8	60.0	64.6	67.7	73.3	73.8	74.9	75.6	75.
GE 1500	58.4	61.9	66.7	70.0	75.9	76.3	77.6	78.4	78.
GE 1200	59.1	62.8	67.8	71.3	77.4	77.8	79.1	79.9	79.
GE 1000	59.9	63.7	68.3	72.4	78.7	79.2	80.9	81.7	81
GE 900	60.2	64.1	69.2	72.8	79.1	79.7	81.4	82.3	82
GE 800	60.3	64.3	69.6	73.2	79.6	80.1	81.8	82.7	82
GE 700	60.3	64.3	69.6	73.2	79.7	80.2	81.9	82.9	82
GE 600	60.5	64.5	69.8	73.4	79.9	80.4	82.2	83.0	83
GE 500	60.8	64.7	70.0	73.8	80.5	81.1	83.0	83.9	83
GE 400	61.0	64.9	70.3	74.1	80.9	81.5	83.3	84.7	84
GE 300	61.0	65.1	70.4	74.2	81.2	81.9	84.4	85.5	85
GE 200	61.0	65.2	70.5	74.3	81.3	82.0	84.7	86.0	86
GE 100	61.0	65.3	70.6	74.4	81.4	82.2	84.8	86.1	86
GE 000	61.0	65.3	70.6	74.4	81.4	82.2	84.8	86.1	86

TOTAL NUMBER OF OBSERVATIONS   930

B

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                       MONTH: DEC   HOURS: 06-08

VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
19.3	20.3	20.3	20.4	20.9	20.9	21.3	21.3	21.7	23.3
22.0	22.6	22.6	22.7	23.1	23.1	23.5	23.5	24.0	25.6
22.2	22.7	22.7	22.8	23.2	23.2	23.7	23.7	24.1	25.7
22.2	22.7	22.7	22.8	23.2	23.2	23.7	23.7	24.1	25.7
23.3	23.9	23.9	24.0	24.4	24.4	24.8	24.8	25.3	26.9
25.4	25.9	25.9	26.0	26.5	26.5	26.9	26.9	27.3	28.9
28.4	28.9	28.9	29.0	29.6	29.6	30.0	30.0	30.4	32.0
28.7	29.2	29.2	29.4	29.9	29.9	30.3	30.3	30.8	32.4
33.9	34.4	34.4	34.5	35.1	35.1	35.5	35.5	35.9	37.7
34.7	35.3	35.3	35.4	35.9	35.9	36.3	36.3	36.8	38.6
35.8	36.3	36.3	36.5	37.0	37.0	37.4	37.4	37.8	39.8
41.9	42.5	42.5	42.6	43.1	43.1	43.5	43.5	44.0	45.9
48.1	48.6	48.6	48.8	49.4	49.4	49.8	49.8	50.2	52.2
54.9	55.5	55.5	55.8	56.3	56.3	56.8	56.8	57.2	59.1
61.1	61.6	61.6	61.9	62.5	62.5	62.9	62.9	63.3	65.3
67.4	68.1	68.1	68.5	69.1	69.1	69.6	69.6	70.0	71.9
72.4	73.0	73.0	73.4	74.1	74.1	74.5	74.5	74.9	76.9
74.7	75.4	75.4	75.8	76.5	76.5	76.9	76.9	77.3	79.2
74.9	75.6	75.6	76.0	76.7	76.7	77.1	77.1	77.5	79.5
77.6	78.4	78.4	78.8	79.5	79.5	79.9	79.9	80.3	82.3
79.1	79.9	79.9	80.4	81.1	81.1	81.5	81.5	81.9	83.9
80.9	81.7	81.7	82.3	82.9	82.9	83.3	83.3	83.8	85.7
81.4	82.3	82.3	82.8	83.4	83.4	83.8	83.9	84.3	86.2
81.8	82.7	82.7	83.2	83.9	83.9	84.3	84.3	84.7	86.7
81.9	82.8	82.8	83.3	84.0	84.0	84.4	84.4	84.8	86.8
82.2	83.0	83.0	83.5	84.2	84.3	84.7	84.7	85.2	87.2
83.0	83.9	83.9	84.8	85.6	85.7	86.1	86.1	86.7	88.7
83.8	84.7	84.7	85.7	86.5	86.6	87.1	87.2	88.0	90.2
84.4	85.5	85.5	86.5	87.2	87.3	87.3	88.0	88.8	92.9
84.7	86.0	86.0	87.2	88.1	88.2	89.1	89.7	91.1	96.5
84.8	86.1	86.1	87.3	88.2	88.3	89.2	89.8	91.5	98.8
84.8	86.1	86.1	87.3	88.2	88.3	89.2	89.8	91.5	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
					VISIBILITY IN STATUTE MILES				
NO CEIL	15.4	17.1	17.6	19.1	20.0	20.3	20.6	20.6	20.6
GE 20000	18.0	19.3	20.6	22.3	23.4	23.8	24.1	24.1	24.1
GE 18000	18.1	19.9	20.8	22.4	23.5	23.9	24.2	24.2	24.2
GE 16000	18.1	19.9	20.9	22.5	23.7	24.0	24.3	24.3	24.3
GE 14000	20.0	21.8	22.8	24.4	25.6	25.9	26.2	26.2	26.2
GE 12000	21.3	23.1	24.2	26.0	27.3	27.6	28.0	28.1	28.1
GE 10000	24.3	26.6	27.8	29.8	31.2	31.5	31.8	31.9	31.9
GE 9000	24.5	26.9	28.2	30.1	31.5	31.8	32.2	32.3	32.3
GE 8000	29.6	31.9	33.2	35.2	36.6	36.9	37.2	37.3	37.3
GE 7000	31.4	33.8	35.1	37.0	38.4	38.7	39.0	39.1	39.1
GE 6000	32.2	34.5	35.8	37.7	39.1	39.5	39.8	39.9	39.9
GE 5000	36.6	39.6	41.1	43.1	44.6	44.9	45.3	45.4	45.4
GE 4500	39.0	42.2	43.9	45.9	48.2	48.5	48.9	49.0	49.0
GE 4000	45.8	49.2	51.7	53.9	56.3	56.9	57.4	57.5	57.5
GE 3500	50.9	54.4	57.0	59.6	62.2	62.8	63.5	63.7	63.7
GE 3000	55.4	59.0	62.0	65.2	68.4	69.0	70.1	70.2	70.3
GE 2500	58.5	62.3	65.7	69.4	72.7	73.7	74.8	74.9	75.1
GE 2000	60.4	64.4	68.5	72.4	75.8	76.9	78.4	78.6	78.7
GE 1800	60.9	64.8	69.0	72.9	76.3	77.4	78.9	79.1	79.2
GE 1500	62.4	66.3	71.3	75.4	79.2	80.0	81.6	82.0	82.2
GE 1200	62.3	66.9	71.8	75.9	79.6	80.8	82.4	82.8	82.9
GE 1000	63.2	67.2	72.4	76.5	80.3	81.8	83.9	84.3	84.4
GE 900	63.4	67.5	72.7	76.8	80.8	82.3	84.3	84.7	84.8
GE 800	63.7	67.7	72.9	77.0	81.1	82.6	84.6	85.1	85.2
GE 700	63.9	68.1	73.2	77.4	81.5	83.1	85.3	85.7	85.8
GE 600	64.1	68.3	73.4	77.6	81.7	83.3	85.5	85.9	86.0
GE 500	64.1	68.3	73.4	77.6	82.3	84.0	86.2	86.9	87.5
GE 400	64.1	68.3	73.4	77.6	82.6	84.4	86.3	87.4	88.2
GE 300	64.1	68.3	73.4	77.6	82.6	84.4	86.8	87.6	88.5
GE 200	64.1	68.3	73.4	77.6	82.6	84.5	86.9	87.8	88.7
GE 100	64.1	68.3	73.4	77.6	82.6	84.5	86.9	87.8	88.7
GE 000	64.1	68.3	73.4	77.6	82.6	84.5	86.9	87.8	88.7

TOTAL NUMBER OF OBSERVATIONS   930

A

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                      MONTH: DEC   HOURS: 09-11

· ·
ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
20.6	20.6	20.6	20.9	20.8	20.9	20.9	21.2	21.3	22.3
24.1	24.1	24.1	24.2	24.2	24.2	24.3	24.6	24.8	25.9
24.2	24.2	24.2	24.3	24.3	24.3	24.4	24.7	24.9	26.0
24.3	24.3	24.3	24.4	24.4	24.4	24.5	24.8	25.1	26.1
26.2	26.2	26.2	26.3	26.3	26.3	26.5	26.8	27.0	28.1
28.0	28.1	28.1	28.3	28.3	28.3	28.4	28.7	28.9	30.0
31.8	31.9	31.9	32.2	32.2	32.2	32.3	32.6	32.8	33.9
32.2	32.3	32.3	32.5	32.5	32.5	32.6	32.9	33.1	34.2
37.2	37.3	37.3	37.5	37.5	37.5	37.6	38.0	38.2	39.2
39.0	39.1	39.1	39.4	39.4	39.4	39.5	39.8	40.0	41.1
39.8	39.9	39.9	40.1	40.1	40.1	40.2	40.5	40.8	41.3
45.3	45.4	45.4	45.6	45.6	45.6	45.7	46.0	46.2	47.3
48.8	49.0	49.0	49.2	49.2	49.2	49.4	49.7	49.9	51.0
57.4	57.5	57.5	57.7	57.7	57.7	57.8	58.2	58.4	59.5
63.5	63.7	63.7	63.9	63.9	63.9	64.0	64.3	64.5	65.6
70.1	70.2	70.3	70.5	70.5	70.5	70.6	71.0	71.2	72.3
74.8	74.9	75.1	75.3	75.3	75.3	75.4	75.7	75.9	77.1
78.4	78.5	78.7	78.9	78.9	78.9	79.0	79.4	79.6	80.8
78.9	79.1	79.2	79.5	79.5	79.5	79.6	79.9	80.1	81.3
81.5	82.0	82.2	82.4	82.4	82.4	82.5	82.8	83.0	84.2
82.4	82.8	82.9	83.2	83.2	83.2	83.3	83.7	83.9	85.1
83.9	84.3	84.4	85.1	85.1	85.1	85.2	85.5	85.8	87.0
84.3	84.7	84.8	85.5	85.5	85.5	85.6	85.9	86.2	87.4
84.5	85.1	85.2	85.8	85.9	85.9	86.0	86.3	86.7	87.9
85.3	85.7	85.8	86.5	86.6	86.6	86.7	87.0	87.3	88.5
85.5	85.9	86.0	86.7	86.9	86.9	87.0	87.3	87.6	88.8
86.2	86.9	87.5	88.3	88.5	88.5	88.9	89.2	89.6	90.8
86.3	87.4	88.2	89.1	89.6	89.6	90.0	90.6	91.1	92.6
86.8	87.6	88.5	90.1	90.9	90.9	91.3	92.3	92.9	95.3
86.9	87.8	88.7	90.4	91.5	91.5	91.9	93.1	94.1	97.4
86.9	87.8	88.7	90.4	91.7	91.7	92.4	93.5	94.6	99.5
86.9	87.8	88.7	90.4	91.7	91.7	92.4	93.5	94.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURR
FROM HOURLY OBS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	19.9	20.1	20.4	20.9	21.4	21.4	21.7	21.7	21
GE 20000	24.3	24.6	24.9	25.5	26.2	26.2	26.6	26.6	26
GE 18000	24.7	25.1	25.4	25.3	26.7	26.7	27.0	27.0	27
GE 16000	24.9	25.3	25.6	25.1	26.9	26.9	27.2	27.2	27
GE 14000	27.1	27.4	27.7	28.3	29.0	29.0	29.4	29.4	29
GE 12000	29.0	29.4	29.7	30.2	31.0	31.0	31.4	31.4	31
GE 10000	31.7	32.3	32.7	33.2	34.0	34.0	34.4	34.4	34
GE 9000	32.0	32.7	33.1	33.7	34.4	34.4	34.8	34.8	34
GE 8000	35.0	36.7	37.1	37.8	38.7	38.7	39.1	39.1	39
GE 7000	37.6	38.4	38.9	39.7	40.8	40.8	41.2	41.2	41
GE 6000	38.1	38.8	39.5	40.2	41.3	41.3	41.7	41.8	41
GE 5000	42.2	42.9	44.3	45.3	46.5	46.5	47.0	47.2	47
GE 4500	45.5	46.3	48.2	49.1	50.3	50.3	50.3	51.1	51
GE 4000	51.3	52.2	54.0	55.2	56.6	56.5	57.1	57.3	57
GE 3500	57.7	58.9	61.2	62.5	63.9	64.1	64.6	64.8	64
GE 3000	64.3	66.3	68.7	70.6	72.5	72.8	73.3	73.5	73
GE 2500	67.5	69.0	71.4	73.9	75.7	76.0	76.6	76.9	76
GE 2000	70.3	71.9	74.7	77.5	79.7	80.0	80.5	80.9	80
GE 1800	71.2	73.0	75.8	78.7	81.0	81.3	81.8	82.2	82
GE 1500	72.2	74.0	76.9	80.1	82.6	82.9	83.5	84.1	84
GE 1200	72.7	74.7	77.8	81.1	83.5	83.9	84.5	85.1	85
GE 1000	73.1	75.5	78.7	82.2	84.8	85.3	86.1	87.0	87
GE 900	73.2	75.5	78.8	82.3	85.1	85.5	86.3	87.2	87
GE 800	73.5	75.9	79.2	82.9	85.9	86.3	87.2	88.1	88
GE 700	73.5	75.9	79.4	83.0	86.0	86.5	87.4	88.3	88
GE 600	73.8	76.2	79.8	83.4	86.6	87.1	88.0	88.9	88
GE 500	73.8	76.2	79.9	83.8	87.2	87.7	89.0	90.6	90
GE 400	73.8	76.2	80.2	84.3	88.0	88.7	90.0	91.8	92
GE 300	73.8	76.2	80.3	84.4	88.1	88.8	90.4	92.4	93
GE 200	73.8	76.2	80.3	84.4	88.1	88.8	90.4	92.5	93
GE 100	73.8	76.2	80.3	84.4	88.1	88.8	90.4	92.5	93
GE 000	73.8	76.2	80.3	84.4	88.1	88.8	90.4	92.5	93

TOTAL NUMBER OF OBSERVATIONS   930

A

D - 2 - 10

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
  FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: DEC   HOURS: 12-14

....
TY IN STATUTE MILES
  GE   GE   GE   GE   GE   GE   GE   GE   GE   GE
   2   1 1/2   1 1/4   1   3/4   5/8   1/2   3/8   1/4   0
....

 21.7   21.7   21.7   21.8   21.8   21.8   21.8   21.8   21.9   21.9

 26.5   26.6   26.6   26.7   26.7   26.7   26.7   26.7   26.8   26.8
 27.0   27.0   27.0   27.1   27.1   27.1   27.1   27.1   27.2   27.2
 27.2   27.2   27.2   27.3   27.3   27.3   27.3   27.3   27.4   27.4
 29.4   29.4   29.4   29.5   29.5   29.5   29.5   29.5   29.6   29.6
 31.4   31.4   31.4   31.5   31.5   31.5   31.5   31.5   31.6   31.6

 34.4   34.4   34.4   34.5   34.5   34.5   34.5   34.5   34.6   34.6
 34.8   34.8   34.8   34.9   34.9   34.9   34.9   34.9   35.1   35.1
 39.1   39.1   39.1   39.2   39.2   39.2   39.2   39.2   39.4   39.4
 41.2   41.2   41.2   41.3   41.3   41.3   41.3   41.3   41.4   41.4
 41.7   41.8   41.8   41.9   41.9   41.9   41.9   41.9   42.0   42.0

 47.0   47.2   47.2   47.3   47.3   47.3   47.3   47.3   47.4   47.4
 50.9   51.1   51.1   51.2   51.2   51.2   51.2   51.2   51.3   51.3
 57.1   57.3   57.3   57.4   57.4   57.4   57.4   57.4   57.5   57.5
 64.5   64.8   64.8   64.9   64.9   64.9   64.9   64.9   65.1   65.1
 73.3   73.5   73.5   73.7   73.7   73.7   73.7   73.7   73.8   73.8

 76.6   76.9   76.9   77.0   77.0   77.0   77.0   77.0   77.2   77.3
 80.5   80.9   80.9   81.1   81.1   81.1   81.1   81.1   81.3   81.4
 81.8   82.2   82.2   82.4   82.4   82.4   82.4   82.4   82.6   82.7
 83.5   84.1   84.1   84.5   84.5   84.5   84.5   84.5   84.7   84.8
 84.5   85.1   85.1   85.5   85.5   85.5   85.5   85.5   85.7   85.5

 85.1   87.0   87.0   87.8   88.0   88.0   88.0   88.1   88.3   88.4
 85.3   87.2   87.2   88.1   88.2   88.2   88.2   88.3   88.5   88.6
 87.2   88.1   88.1   88.9   89.0   89.0   89.0   89.1   89.5   89.6
 87.4   88.3   88.3   89.1   89.2   89.2   89.2   89.4   89.7   89.8
 88.0   88.9   88.9   89.8   89.9   89.9   89.9   90.0   90.3   90.4

 89.0   90.6   90.8   92.0   92.6   92.6   92.6   92.8   93.1   93.4
 90.0   91.8   92.2   93.4   94.0   94.0   94.0   94.2   94.6   94.9
 90.4   92.4   93.0   94.9   95.7   95.7   95.7   95.9   96.5   97.0
 90.4   92.5   93.1   95.2   96.1   96.1   96.5   96.3   97.4   98.5
 90.4   92.5   93.1   95.2   96.1   96.1   96.7   97.1   98.2   99.7

 90.4   92.5   93.1   95.2   96.1   96.1   96.7   97.1   98.2   100.0
....

     D - 2 - 104   D

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
						VISIBILITY IN STATUTE MILES			
NO CEIL	24.0	24.5	24.7	25.3	26.3	26.3	26.3	26.5	26.5
GE 20000	27.2	27.7	28.3	28.9	30.1	30.1	30.2	30.3	30.3
GE 18000	27.6	28.2	28.7	29.5	30.8	30.8	30.9	31.0	31.0
GE 16000	27.7	28.3	28.8	29.6	30.9	30.9	31.0	31.1	31.1
GE 14000	31.1	31.6	32.2	32.9	34.2	34.2	34.3	34.4	34.4
GE 12000	33.1	33.7	34.2	34.9	36.2	36.2	36.3	36.5	36.5
GE 10000	36.0	36.9	37.4	38.2	39.5	39.5	39.6	39.7	39.7
GE 9000	36.5	37.3	37.8	38.5	39.9	39.9	40.0	40.1	40.1
GE 8000	40.1	41.1	41.6	42.4	43.7	43.7	43.8	43.9	43.9
GE 7000	42.2	43.2	43.8	44.8	46.2	46.2	46.5	46.6	46.6
GE 6000	43.1	44.3	44.9	46.0	47.4	47.4	47.6	47.7	47.7
GE 5000	47.4	48.5	49.5	50.8	52.6	52.6	52.8	52.9	52.9
GE 4500	49.3	51.1	52.0	53.3	55.2	55.2	55.4	55.5	55.5
GE 4000	55.6	57.3	58.4	59.9	61.7	61.8	62.3	62.4	62.4
GE 3500	62.7	64.6	66.0	67.6	69.9	70.0	70.5	70.6	70.6
GE 3000	68.5	70.8	72.3	74.1	76.8	77.0	78.0	78.3	78.3
GE 2500	70.5	73.1	75.1	76.9	79.7	80.0	81.2	81.9	81.9
GE 2000	73.3	75.9	78.1	80.5	83.3	84.1	85.3	86.3	86.3
GE 1800	73.7	76.2	78.5	81.0	84.2	84.5	85.7	86.8	86.8
GE 1500	75.2	77.7	80.1	82.6	85.8	86.1	87.3	88.5	88.5
GE 1200	75.3	77.8	80.2	82.7	85.9	86.2	87.5	88.7	88.7
GE 1000	75.9	78.5	81.0	83.4	86.9	87.3	88.6	89.9	89.9
GE 900	76.1	78.8	81.2	83.7	87.1	87.5	88.9	90.2	90.2
GE 800	76.3	79.1	81.5	84.0	87.4	87.8	89.2	90.5	90.5
GE 700	76.3	79.1	81.5	84.0	87.5	88.0	89.4	90.6	90.6
GE 600	76.3	79.1	81.5	84.0	87.5	88.0	89.4	90.6	90.6
GE 500	76.5	79.2	81.9	84.6	88.3	88.8	90.6	92.8	93.1
GE 400	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.2	93.5
GE 300	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.2	94.0
GE 200	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.4	94.2
GE 100	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.4	94.2
GE 000	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.4	94.2

TOTAL NUMBER OF OBSERVATIONS   930

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                        MONTH: DEC   HOURS: 15-17

• •

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
26.3	26.5	26.5	26.6	26.6	26.6	26.7	26.7	26.7	26.7
30.2	30.3	30.3	30.4	30.4	30.4	30.5	30.8	30.8	30.8
30.9	31.0	31.0	31.1	31.1	31.1	31.3	31.4	31.4	31.4
31.0	31.1	31.1	31.2	31.2	31.2	31.4	31.5	31.5	31.5
34.3	34.4	34.4	34.5	34.5	34.5	34.7	34.8	34.8	34.8
36.3	36.5	36.5	36.6	36.6	36.6	36.8	36.9	36.9	36.9
39.5	39.7	39.7	39.8	39.8	39.8	40.0	40.1	40.1	40.1
40.0	40.1	40.1	40.2	40.2	40.2	40.4	40.5	40.5	40.5
43.8	43.9	43.9	44.0	44.0	44.0	44.2	44.3	44.3	44.3
46.5	46.6	46.6	46.7	46.7	46.7	46.9	47.0	47.0	47.0
47.6	47.7	47.7	47.8	47.8	47.8	48.1	48.2	48.2	48.2
52.8	52.9	52.9	53.0	53.0	53.0	53.2	53.3	53.3	53.3
55.4	55.5	55.5	55.6	55.6	55.6	55.8	55.9	55.9	55.9
62.3	62.4	62.4	62.5	62.5	62.5	62.7	62.8	62.8	62.8
70.5	70.6	70.6	70.9	70.9	70.9	71.1	71.2	71.2	71.2
78.0	78.3	78.3	78.5	78.5	78.5	78.7	78.8	78.8	78.8
81.2	81.9	81.9	82.3	82.4	82.4	82.6	82.7	82.7	82.7
85.3	86.3	86.3	86.7	86.8	86.8	87.0	87.1	87.1	87.1
86.7	86.8	86.8	87.1	87.2	87.2	87.4	87.5	87.5	87.5
87.3	88.5	88.5	88.8	88.9	88.9	89.1	89.2	89.2	89.2
87.5	88.7	88.7	89.0	89.1	89.1	89.4	89.5	89.5	89.5
88.6	89.9	89.9	90.2	90.5	90.5	90.8	90.9	90.9	90.9
88.9	90.2	90.2	90.5	90.9	90.9	91.1	91.2	91.2	91.2
89.2	90.5	90.5	90.9	91.2	91.2	91.4	91.5	91.5	91.5
89.4	90.6	90.6	91.0	91.4	91.4	91.6	91.7	91.7	91.7
89.4	90.6	90.6	91.0	91.4	91.4	91.6	91.7	91.7	91.7
90.6	92.3	93.1	93.5	94.2	94.2	94.4	94.5	94.5	94.5
91.1	93.2	93.9	94.7	95.8	95.8	96.0	96.1	96.1	96.1
91.1	93.2	94.0	95.5	96.7	96.7	97.2	97.4	97.5	97.8
91.1	93.4	94.2	95.2	97.4	97.4	98.1	98.3	98.5	99.6
91.1	93.4	94.2	96.0	97.4	97.4	98.1	98.3	98.6	100.0
91.1	93.4	94.2	96.0	97.4	97.4	98.1	98.3	98.6	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G
NO CEIL	23.1	24.6	25.3	26.3	28.0	28.1	28.6	28.7	28
GE 20000	25.4	27.0	28.3	28.3	30.5	30.6	31.2	31.3	31
GE 18000	25.5	27.2	28.5	29.0	30.8	30.9	31.4	31.5	31
GE 16000	25.5	27.2	28.5	29.0	30.8	30.9	31.4	31.5	31
GE 14000	27.1	28.7	30.0	30.5	32.3	32.4	32.9	33.0	33
GE 12000	28.8	30.4	31.8	32.4	34.1	34.2	34.7	34.8	34
GE 10000	31.4	33.1	34.9	35.5	37.2	37.3	38.0	38.1	35
GE 9000	32.2	34.0	35.8	36.3	38.1	38.2	38.9	39.0	35
GE 8000	36.0	38.0	40.0	40.5	42.3	42.4	43.1	43.3	4.
GE 7000	37.5	39.5	41.7	42.3	44.1	44.4	45.2	45.4	4.
GE 6000	38.2	40.1	42.5	43.0	44.8	45.2	45.9	46.1	46
GE 5000	42.3	44.4	46.8	47.4	49.2	49.6	50.3	50.5	5!
GE 4500	46.0	48.3	51.1	51.7	53.9	54.2	55.1	55.3	5!
GE 4000	52.9	55.3	58.6	59.4	61.6	62.0	63.0	63.2	6
GE 3500	58.7	61.4	64.9	65.9	68.3	68.7	69.7	69.9	70
GE 3000	64.0	67.0	71.1	72.0	74.8	75.3	76.7	76.9	7
GE 2500	66.3	69.4	73.7	74.7	77.8	78.6	80.2	80.4	8
GE 2000	68.7	71.9	76.5	78.0	81.2	81.9	84.0	84.2	8
GE 1800	68.0	72.3	76.9	78.4	81.6	82.4	84.4	84.6	8
GE 1500	69.3	73.1	78.1	79.9	83.0	83.8	85.8	86.0	8
GE 1200	70.1	73.4	78.4	80.1	83.3	84.1	86.1	86.3	8
GE 1000	70.4	73.8	78.8	80.5	83.8	84.5	86.7	86.9	8
GE 900	70.4	73.9	78.8	80.5	83.8	84.5	86.8	87.0	8
GE 800	70.4	73.8	79.0	80.8	84.3	85.1	87.3	87.6	8
GE 700	70.4	74.1	78.5	81.2	84.7	85.5	87.7	88.1	8
GE 600	70.5	74.2	79.7	81.6	85.3	86.0	88.4	88.7	8
GE 500	70.5	74.2	79.7	81.7	85.6	86.3	88.8	89.6	8
GE 400	70.5	74.2	79.7	81.7	85.6	86.3	89.1	90.1	8
GE 300	70.5	74.2	79.9	81.9	85.8	86.6	89.5	90.4	9
GE 200	70.5	74.2	79.9	81.9	85.9	86.7	89.6	90.5	9
GE 100	70.5	74.2	79.9	81.9	85.9	86.7	89.6	90.5	9
GE 000	70.5	74.2	79.9	81.9	85.9	86.7	89.6	90.5	9

TOTAL NUMBER OF OBSERVATIONS   930

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: DEC   HOURS: 18-20

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ILITY IN STATUTE MILES

	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
1	28.5	28.7	28.7	29.1	29.2	29.2	29.4	29.5	29.8	30.5
	31.2	31.3	31.3	31.7	31.9	31.9	32.0	32.2	32.5	33.2
	31.4	31.5	31.5	31.9	32.2	32.2	32.3	32.4	32.7	33.4
	31.4	31.5	31.5	31.9	32.2	32.2	32.3	32.4	32.7	33.4
	32.9	33.0	33.0	33.4	33.7	33.7	33.8	33.9	34.2	34.9
	34.7	34.8	34.8	35.3	35.5	35.5	35.6	35.7	36.0	36.8
	38.0	38.1	38.1	38.5	38.7	38.7	38.8	38.9	39.2	40.0
	38.9	39.0	39.0	39.5	39.7	39.7	39.8	39.9	40.2	41.0
	43.1	43.3	43.4	43.9	44.1	44.1	44.2	44.3	44.6	45.4
	45.2	45.4	45.5	45.9	46.1	46.1	46.2	46.3	46.7	47.4
	45.9	46.1	46.2	46.7	46.9	46.9	47.0	47.1	47.4	48.2
	50.3	50.5	50.6	51.1	51.3	51.3	51.4	51.5	51.8	52.6
	55.1	55.3	55.4	55.8	56.0	56.0	56.2	56.3	56.8	57.5
	63.0	63.2	63.3	63.8	64.0	64.0	64.2	64.3	64.7	65.5
	69.7	69.9	70.0	70.5	70.9	70.9	71.1	71.2	71.5	72.4
	76.7	76.9	77.0	77.6	77.8	77.8	78.1	78.2	78.6	79.4
	80.2	80.4	80.5	81.2	81.4	81.4	81.6	81.7	82.2	82.9
	84.0	84.2	84.3	84.9	85.2	85.2	85.4	85.5	85.9	86.7
	84.4	84.6	84.7	85.4	85.6	85.6	85.8	85.9	86.3	87.1
	85.3	86.0	86.1	86.8	87.0	87.0	87.2	87.3	87.7	88.5
	86.1	86.3	86.5	87.1	87.3	87.3	87.5	87.6	88.1	88.8
	86.7	86.9	87.0	87.6	87.8	87.8	88.1	88.2	88.6	89.4
	86.8	87.0	87.1	87.7	88.0	88.0	88.2	88.3	88.7	89.5
	87.3	87.6	87.7	88.4	88.6	88.6	88.8	88.9	89.4	90.1
	87.7	88.1	88.2	88.8	89.0	89.0	89.2	89.4	89.8	90.5
	88.4	88.7	88.8	89.5	89.7	89.7	89.9	90.0	90.4	91.2
	88.8	89.6	89.7	90.5	90.9	90.9	91.1	91.2	91.6	92.4
	89.1	90.1	90.2	91.2	91.6	91.6	91.9	92.2	92.9	93.7
	89.5	90.4	90.5	91.5	92.2	92.2	92.7	92.9	94.1	95.6
	89.5	90.5	90.6	91.7	92.8	92.8	93.9	94.3	95.8	98.6
	89.5	90.5	90.6	91.7	92.9	92.9	94.1	94.5	96.2	99.6
	89.6	90.5	90.6	91.7	92.9	92.9	94.1	94.5	96.2	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES								
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	19.2	20.2	21.5	23.1	25.3	25.3	25.8	26.1	26.2
GE 20000	20.5	21.6	23.2	25.3	27.5	27.5	29.1	29.4	29.5
GE 18000	20.5	21.6	23.2	25.3	27.5	27.5	29.1	29.4	29.5
GE 16000	20.5	21.6	23.2	25.3	27.5	27.5	29.1	29.4	29.5
GE 14000	22.0	23.2	24.8	26.9	29.1	29.1	29.7	30.0	30.1
GE 12000	23.1	24.3	25.9	28.0	30.2	30.2	30.8	31.1	31.2
GE 10000	24.8	26.0	28.0	30.2	32.9	32.9	33.4	33.8	33.9
GE 9000	25.4	26.6	28.5	30.8	33.4	33.4	34.0	34.3	34.4
GE 8000	29.4	30.3	32.8	35.1	37.8	37.8	38.5	38.8	38.9
GE 7000	30.8	32.3	34.3	36.6	39.3	39.8	40.4	40.8	40.9
GE 6000	32.4	33.9	36.1	38.4	41.8	41.8	42.5	42.8	42.9
GE 5000	36.5	38.1	40.3	43.4	47.2	47.3	48.1	48.4	48.5
GE 4500	40.1	41.7	44.0	47.5	51.5	51.6	52.4	52.7	52.8
GE 4000	45.5	47.4	50.0	53.3	58.0	58.1	58.9	59.1	59.2
GE 3500	51.0	53.0	55.8	59.6	64.1	64.2	64.9	65.3	65.4
GE 3000	55.5	57.8	60.9	65.2	70.2	70.4	71.2	71.5	71.6
GE 2500	57.7	60.2	63.5	67.8	72.9	73.2	74.1	74.4	74.6
GE 2000	59.0	61.8	65.6	70.0	75.1	75.4	75.6	77.3	77.4
GE 1800	59.1	61.9	65.9	70.3	75.4	75.7	76.9	77.6	77.7
GE 1500	61.2	64.1	68.2	72.8	78.0	78.3	79.6	80.3	80.4
GE 1200	61.2	64.1	68.6	73.2	78.4	78.7	80.0	80.8	81.
GE 1000	61.5	64.4	68.9	73.5	78.7	79.0	80.3	81.1	81.
GE 900	61.5	64.5	69.0	73.7	78.8	79.1	80.4	81.2	81.
GE 800	61.5	64.7	69.4	74.2	79.7	80.0	81.3	82.0	82.
GE 700	61.6	64.9	69.6	74.4	79.9	80.2	81.3	82.6	82.
GE 600	61.8	65.2	69.8	74.7	80.5	80.9	82.6	83.3	83.
GE 500	61.8	65.2	69.8	74.7	80.5	80.9	82.7	84.0	84.
GE 400	61.8	65.2	69.8	74.7	80.5	80.9	83.1	84.4	84.
GE 300	61.9	65.3	70.1	75.1	81.0	81.3	83.5	85.1	85.
GE 200	62.0	65.4	70.2	75.2	81.1	81.4	84.0	85.4	85.
GE 100	62.0	65.4	70.2	75.2	81.1	81.4	84.0	85.4	85.
GE 000	62.0	65.4	70.2	75.2	81.1	81.4	84.0	85.4	85.

TOTAL NUMBER OF OBSERVATIONS   930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON		PERIOD OF RECORD: JUN 73 - MAY 88							
		MONTH: DEC HOURS: 21-23							

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GT 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
25.3	26.1	26.2	26.7	27.3	27.4	27.4	27.7	28.4	29.1
28.1	28.4	28.5	29.2	29.9	30.0	30.0	30.3	31.0	31.8
28.1	28.4	28.5	29.4	30.0	30.1	30.1	30.4	31.1	31.9
28.1	28.4	28.5	29.4	30.0	30.1	30.1	30.4	31.1	31.9
29.7	30.0	30.1	31.0	31.6	31.7	31.7	32.0	32.7	33.5
30.8	31.1	31.2	32.0	32.7	32.8	32.8	33.1	33.8	34.6
33.4	33.8	33.9	34.7	35.4	35.5	35.5	35.8	36.5	37.3
34.0	34.3	34.4	35.3	35.9	36.0	36.0	36.3	37.0	37.8
38.5	38.8	38.9	39.3	40.5	40.6	40.6	41.0	41.7	42.7
40.4	40.8	40.9	41.7	42.5	42.6	42.6	42.9	43.7	44.6
42.5	42.8	42.9	43.8	44.5	44.6	44.6	44.9	45.7	46.7
48.1	48.4	48.5	49.5	50.3	50.4	50.4	50.8	51.5	52.6
52.4	52.7	52.8	53.8	54.8	54.9	54.9	55.3	56.0	57.1
58.8	59.1	59.2	60.2	61.4	61.5	61.6	61.9	62.7	63.8
64.9	65.3	65.4	66.3	67.5	67.6	67.7	68.1	68.8	69.9
71.2	71.5	71.6	72.8	74.0	74.1	74.3	74.6	75.4	76.5
74.1	74.4	74.6	75.8	77.0	77.1	77.3	77.6	78.4	79.5
76.6	77.3	77.5	78.3	80.1	80.2	80.4	80.8	81.5	82.6
76.9	77.6	77.8	79.2	80.4	80.5	80.8	81.1	81.8	82.9
79.6	80.3	80.5	81.9	83.1	83.2	83.4	83.8	84.5	85.6
80.0	80.8	81.0	82.4	83.5	83.7	83.9	84.2	84.9	86.0
80.3	81.1	81.3	82.7	84.0	84.1	84.3	84.5	85.4	86.5
80.4	81.2	81.4	82.8	84.1	84.2	84.4	84.7	85.5	86.6
81.3	82.0	82.3	83.7	84.9	85.1	85.3	85.6	86.3	87.4
81.8	82.6	82.8	84.2	85.5	85.6	85.8	86.1	86.9	88.0
82.6	83.3	83.5	85.1	86.3	86.5	86.7	87.1	87.8	88.9
82.7	84.0	84.2	85.7	87.0	87.1	87.4	87.8	88.6	89.7
83.1	84.4	84.6	86.2	87.5	87.6	88.2	88.7	89.6	91.1
83.8	85.1	85.3	87.3	88.7	88.8	89.7	90.5	91.5	94.5
84.0	85.4	85.7	88.0	89.8	89.9	90.9	92.0	93.8	97.5
84.0	85.4	85.7	88.0	90.0	90.1	91.2	92.4	94.3	99.4
84.0	85.4	85.7	88.0	90.0	90.1	91.2	92.4	94.3	100.0

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRI
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSE

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	18.2	19.3	20.3	21.4	23.2	23.4	23.8	24.1	24.
GE 20000	20.3	21.5	22.7	23.9	25.9	26.0	26.4	26.8	26.
GE 18000	20.5	21.7	22.9	24.1	26.1	26.2	26.6	26.9	27.
GE 16000	20.5	21.7	22.9	24.2	26.1	26.3	26.7	27.0	27
GE 14000	22.1	23.4	24.6	25.8	27.8	27.9	28.3	28.7	28.
GE 12000	23.6	24.9	26.1	27.4	29.4	29.5	30.0	30.3	30.
GE 10000	26.0	27.5	28.9	30.3	32.4	32.5	33.0	33.4	33.
GE 9000	26.4	27.9	29.4	30.8	32.9	33.1	33.5	33.9	33
GE 8000	30.2	31.8	33.4	34.8	37.0	37.2	37.7	38.1	38.
GE 7000	31.7	33.4	34.9	36.4	38.8	39.0	39.5	39.9	40.
GE 6000	32.6	34.4	36.1	37.6	40.0	40.2	40.8	41.2	41.
GE 5000	36.9	38.9	40.3	42.5	45.3	45.5	46.1	46.6	46
GE 4500	40.5	42.3	45.0	47.1	49.9	50.2	50.8	51.3	51
GE 4000	46.3	48.8	51.4	53.6	56.7	57.0	57.8	58.3	58.
GE 3500	51.7	54.5	57.4	59.8	63.1	63.5	64.3	64.8	64.
GE 3000	56.9	60.0	63.2	66.0	69.9	70.3	71.4	71.9	72.
GE 2500	59.7	62.9	66.4	69.4	73.5	74.0	75.2	75.8	75.
GE 2000	61.7	65.0	68.8	72.1	76.5	77.0	78.3	79.1	79
GE 1800	62.0	65.4	69.3	72.6	77.0	77.6	78.9	79.6	79.
GE 1500	63.5	67.0	71.1	74.6	79.1	79.7	81.1	82.0	82.
GE 1200	63.9	67.5	71.7	75.2	79.9	80.4	81.8	82.7	82.
GE 1000	64.4	68.0	72.4	75.9	80.7	81.3	82.9	83.9	84
GE 900	64.5	68.2	72.6	76.1	80.9	81.6	83.2	84.2	84.
GE 800	64.7	68.4	72.8	76.5	81.4	82.1	83.7	84.7	84.
GE 700	64.7	68.5	73.0	76.6	81.6	82.3	84.0	85.0	85.
GE 600	64.9	68.7	73.3	77.0	82.0	82.7	84.5	85.5	85.
GE 500	64.9	68.8	73.4	77.2	82.5	83.2	85.3	86.5	86.
GE 400	64.9	68.8	73.5	77.4	82.7	83.5	85.8	87.3	87.
GE 300	65.0	68.9	73.6	77.5	83.0	83.8	86.2	87.8	88.
GE 200	65.0	68.9	73.6	77.6	83.1	83.9	86.4	88.1	88.
GE 100	65.0	68.9	73.7	77.6	83.1	84.0	86.5	88.2	88.
GE 000	65.0	68.9	73.7	77.6	83.1	84.0	86.5	88.2	88.

TOTAL NUMBER OF OBSERVATIONS 7440

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: DEC HOURS: ALL

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VISIBILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
23.8	24.1	24.1	24.4	24.7	24.7	25.0	25.2	25.5	26.2
25.4	25.8	25.8	27.1	27.4	27.4	27.8	27.9	28.2	29.0
25.5	26.9	27.0	27.3	27.5	27.6	28.0	28.1	28.4	29.2
26.7	27.0	27.0	27.4	27.7	27.7	28.0	28.2	28.5	29.3
28.3	28.7	28.7	29.1	29.3	29.4	29.7	29.9	30.1	30.9
30.0	30.0	30.3	30.7	31.0	31.0	31.4	31.5	31.8	32.6
33.0	33.4	33.4	33.8	34.1	34.1	34.4	34.6	34.9	35.7
33.5	33.9	33.9	34.3	34.6	34.6	34.9	35.1	35.4	36.2
37.7	38.1	38.1	38.5	38.9	38.9	39.2	39.4	39.7	40.5
39.5	39.9	40.0	40.4	40.7	40.8	41.1	41.3	41.6	42.4
40.8	41.2	41.3	41.7	42.0	42.0	42.3	42.5	42.8	43.7
46.1	46.6	46.6	47.1	47.4	47.4	47.7	47.9	48.2	49.1
51.4	51.8	51.4	51.8	52.2	52.2	52.6	52.7	53.1	53.9
57.8	58.3	58.3	58.8	59.2	59.2	59.6	59.7	60.1	61.0
64.3	64.8	64.8	65.3	65.7	65.8	66.1	66.3	66.6	67.5
71.4	71.9	72.0	72.6	73.0	73.0	73.4	73.6	74.0	74.9
75.2	75.8	75.9	76.6	77.0	77.0	77.4	77.6	78.0	78.9
78.3	79.1	79.2	79.9	80.3	80.3	80.8	81.0	81.3	82.3
78.9	79.6	79.7	80.5	80.9	80.9	81.3	81.5	81.9	82.8
81.1	82.0	82.1	82.8	83.2	83.3	83.7	83.9	84.2	85.2
81.8	82.7	82.8	83.6	84.0	84.0	84.5	84.7	85.0	86.0
82.9	83.9	84.0	84.8	85.3	85.3	85.8	86.0	86.4	87.4
83.2	84.2	84.3	85.2	85.7	85.7	86.1	86.3	86.7	87.7
83.7	84.7	84.8	85.7	86.2	86.2	86.7	86.9	87.3	88.2
84.0	85.0	85.1	86.0	86.5	86.5	87.0	87.2	87.5	88.6
84.5	85.5	85.6	86.5	87.1	87.1	87.6	87.8	88.2	89.2
85.3	86.5	86.8	87.9	88.6	88.6	89.1	89.4	89.8	90.8
85.4	87.3	87.6	88.8	89.6	89.7	90.2	90.5	91.0	92.2
85.2	87.8	88.1	89.7	90.5	90.7	91.4	91.8	92.5	94.8
86.4	88.1	88.5	90.3	91.5	91.5	92.5	93.1	94.3	97.7
86.5	86.2	88.5	90.3	91.6	91.7	92.8	93.5	94.9	99.3
86.5	88.2	88.2	90.3	91.6	91.7	92.8	93.5	94.9	100.0

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	VISIBILITY IN STATUTE MI
NO CEIL	33.1	33.3	34.6	35.2	35.9	36.0	36.2	36.4	3
GE 20000	36.9	37.7	38.6	39.3	40.0	40.1	40.4	40.6	4
GE 18000	37.2	38.1	39.0	39.6	40.4	40.5	40.7	40.9	4
GE 16000	37.3	38.2	39.1	39.7	40.5	40.6	40.9	41.1	4
GE 14000	38.7	39.5	40.5	41.1	41.9	42.0	42.3	42.5	4
GE 12000	40.1	41.0	41.9	42.6	43.4	43.5	43.8	44.0	4
GE 10000	43.2	44.1	45.2	45.9	46.7	46.8	47.2	47.4	4
GE 9000	43.5	44.5	45.5	46.3	47.1	47.2	47.6	47.8	4
GE 8000	47.1	48.2	49.3	50.0	50.9	51.1	51.4	51.6	5
GE 7000	48.3	49.8	51.0	51.8	52.7	52.9	53.2	53.4	5
GE 6000	50.0	51.1	52.3	53.1	54.0	54.2	54.5	54.7	5
GE 5000	54.1	55.3	56.6	57.5	58.5	58.7	59.1	59.3	5
GE 4500	57.5	58.9	60.3	61.3	62.4	62.5	62.9	63.2	6
GE 4000	63.0	64.5	66.1	67.2	68.4	68.6	69.0	69.3	6
GE 3500	68.1	69.7	71.5	72.7	74.0	74.2	74.7	74.9	7
GE 3000	73.6	75.4	77.4	78.8	80.3	80.5	81.1	81.4	8
GE 2500	76.5	78.4	80.5	82.1	83.7	84.0	84.6	84.9	8
GE 2000	78.3	80.9	83.3	84.8	85.6	86.9	87.5	87.9	8
GE 1800	79.3	81.4	83.8	85.4	87.2	87.5	88.1	88.5	8
GE 1500	80.7	82.9	85.5	87.2	89.1	89.3	90.1	90.5	9
GE 1200	81.4	83.6	86.2	88.0	89.9	90.2	91.0	91.4	9
GE 1000	81.9	84.2	86.9	88.7	90.8	91.1	91.9	92.3	9
GE 900	82.0	84.3	87.0	88.8	91.0	91.3	92.1	92.6	9
GE 800	82.1	84.4	87.2	89.1	91.2	91.6	92.4	92.9	9
GE 700	82.2	84.5	87.4	89.3	91.5	91.8	92.8	93.3	9
GE 600	82.3	84.7	87.6	89.5	91.8	92.1	93.1	93.7	9
GE 500	82.4	84.8	87.7	89.8	92.1	92.5	93.6	94.2	9
GE 400	82.4	84.8	87.8	89.9	92.3	92.7	93.8	94.5	9
GE 300	82.5	84.9	87.8	89.9	92.4	92.8	94.0	94.8	9
GE 200	82.5	84.9	87.9	90.0	92.5	92.9	94.1	95.0	9
GE 100	82.5	84.9	87.9	90.0	92.5	92.9	94.2	95.0	9
GE 000	82.5	84.9	87.9	90.0	92.5	92.9	94.2	95.0	9

TOTAL NUMBER OF OBSERVATIONS: 87664

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
   FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: ALL HOURS: ALL

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ITY IN STATUTE MILES

GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0

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36.2	36.4	36.4	36.6	36.8	36.8	36.9	37.0	37.1	37.3
40.4	40.6	40.6	40.8	40.9	41.0	41.1	41.2	41.3	41.5
40.7	40.9	41.0	41.2	41.3	41.3	41.4	41.5	41.6	41.9
40.9	41.1	41.1	41.3	41.4	41.5	41.6	41.7	41.3	42.0
42.3	42.5	42.5	42.7	42.8	42.9	43.0	43.1	43.2	43.4
43.8	44.0	44.0	44.3	44.4	44.4	44.6	44.6	44.7	45.0
47.2	47.4	47.4	47.6	47.8	47.8	47.9	48.0	48.1	48.4
47.5	47.7	47.8	48.0	48.2	48.2	48.3	48.4	48.5	48.8
51.4	51.6	51.7	51.9	52.1	52.1	52.2	52.3	52.4	52.7
53.2	53.4	53.5	53.7	53.9	53.9	54.0	54.1	54.2	54.5
54.5	54.7	54.8	55.0	55.2	55.2	55.3	55.4	55.5	55.8
59.1	59.3	59.3	59.6	59.8	59.8	59.9	60.0	60.1	60.4
62.3	63.2	63.2	63.5	63.5	63.7	63.8	63.9	64.0	64.3
69.0	69.3	69.3	69.6	69.8	69.8	70.0	70.0	70.2	70.4
74.7	74.9	75.0	75.3	75.5	75.5	75.7	75.7	75.9	76.1
81.1	81.4	81.4	81.8	82.0	82.0	82.2	82.2	82.4	82.6
84.5	84.9	85.0	85.3	85.5	85.5	85.7	85.8	85.9	85.2
87.5	87.9	87.9	88.3	88.5	88.5	88.7	88.8	88.9	89.2
88.1	88.5	88.6	88.9	89.1	89.1	89.3	89.4	89.5	89.8
90.1	90.5	90.5	90.9	91.1	91.1	91.3	91.4	91.5	91.8
91.0	91.4	91.4	91.8	92.0	92.1	92.3	92.3	92.5	92.8
91.9	92.3	92.4	92.8	93.1	93.1	93.3	93.4	93.5	93.8
92.1	92.6	92.7	93.1	93.4	93.4	93.6	93.7	93.8	94.1
92.4	92.9	93.0	93.5	93.7	93.7	93.9	94.0	94.1	94.4
92.8	93.3	93.4	93.8	94.1	94.1	94.3	94.4	94.5	94.8
93.1	93.7	93.8	94.3	94.5	94.5	94.7	94.9	95.0	95.3
93.6	94.2	94.3	94.9	95.2	95.2	95.4	95.5	95.7	95.0
93.8	94.5	94.7	95.4	95.7	95.7	96.0	96.1	96.3	96.6
94.0	94.8	95.0	95.8	96.2	96.2	96.6	96.7	96.9	97.4
94.1	95.0	95.2	96.1	96.6	96.7	97.1	97.4	97.7	98.6
94.2	95.0	95.2	96.1	96.7	96.8	97.3	97.6	98.1	99.6
94.2	95.0	95.2	96.1	96.7	96.8	97.3	97.6	98.1	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENC
FROM HOURLY OBSERVATIS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION
				AIRWAY CLASSES	
00-02	8.3	13.8	19.1	48.5	10.3
03-05	10.3	11.1	18.4	49.0	11.2
06-08	6.1	13.8	20.5	49.0	10.5
09-11	2.4	10.4	32.3	45.3	8.6
12-14	2.6	9.9	34.5	49.8	3.2
15-17	2.5	12.9	32.7	49.9	2.0
18-20	5.7	16.7	23.8	43.3	4.6
21-23	9.1	17.3	16.5	51.0	6.1
ALL HOURS	5.0	13.0	24.0	48.0	7.0

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION
00-02	10.0	15.2	20.3	51.2	3.3
03-05	6.6	15.2	20.5	50.8	6.9
06-08	2.8	15.8	23.6	51.0	6.8
09-11	1.3	10.4	34.4	48.2	5.3
12-14	.2	11.5	38.9	48.5	.8
15-17	.3	15.7	37.7	45.3	.4
18-20	4.5	20.6	25.8	47.5	1.6
21-23	3.7	17.8	21.2	49.0	2.4
ALL HOURS	4.6	15.3	27.8	48.9	3.4

B

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                      MONTH: JAN HOURS: ALL

CLASSES

T	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	10.3	78.0	11.6	930
	11.2	78.6	9.9	930
	10.5	80.1	8.1	930
	5.6	87.2	7.1	930
	3.2	87.5	5.1	930
	2.0	84.6	3.3	930
	4.5	76.7	5.5	930
	6.1	73.5	10.5	930
	7.0	80.0	7.0	7440

MONTH: FEB HOURS: ALL

2	3.3	74.8	7.5	849
8	6.9	78.2	5.9	849
0	6.8	81.4	5.9	849
2	5.3	87.9	5.1	849
5	.8	88.2	3.3	849
3	.4	93.4	1.5	849
5	1.6	74.9	1.4	849
0	2.4	72.6	4.1	849
9	3.4	80.2	4.4	6792

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

AIRWAY CLASSES

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	G 1/
00-02	16.5	20.5	21.6	41.0	.4	63.
03-05	14.1	19.1	19.0	45.6	2.2	66.
06-08	2.9	20.5	31.8	43.9	3.9	76.
09-11	2.0	18.3	37.0	40.5	1.6	79.
12-14	1.3	17.8	43.7	36.7		80.
15-17	1.2	21.0	41.5	36.3		77.
18-20	2.9	25.1	33.9	38.1	.1	72.
21-23	13.0	22.9	24.2	39.7	.2	64.
ALL HOURS	6.0	20.0	31.0	39.0	1.0	72

00-02	17.7	24.3	23.8	33.9	.3	58
03-05	12.8	21.8	29.6	35.4	.4	65
06-08	3.1	21.1	37.7	36.7	1.4	75
09-11	2.2	17.6	39.3	40.8	.1	80
12-14	1.0	18.1	42.1	38.8		80
15-17	.7	21.8	40.6	37.0		77
18-20	1.7	27.1	35.6	35.7		77
21-23	13.9	25.6	24.0	35.6		59
ALL HOURS	6.6	22.3	34.1	36.7	.3	7

A

FB WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 85
MONTH: MAR HOURS:ALL

CLASSES ST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
0	.4	63.0	3.0	930
6	2.2	66.8	3.9	930
3	3.9	76.5	3.9	930
0	1.6	73.1	2.5	930
7		80.3		930
3		77.3		930
1	.1	72.0		930
7	.2	64.1	.3	930
0	1.0	72.0	1.0	7440

MONTH: APR HOURS: ALL

.9	.3	58.0	.1	900
.4	.4	65.4	1.6	900
.7	1.4	75.8	1.8	900
.8	.1	80.2		900
.3		80.9		900
.0		77.5		900
.7		71.2		900
.5		59.5		900
.7	.3	71.1	.4	7200

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIO

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES TOTAL OBSCURATION
00-02	14.2	26.1	24.2	35.5	
03-05	6.1	23.7	29.0	40.9	.3
06-08	3.3	18.5	36.3	41.0	.9
09-11	3.4	16.3	42.2	38.1	
12-14	1.9	23.0	44.6	30.5	
15-17	1.5	28.3	42.7	27.5	
18-20	1.2	32.3	36.1	30.4	
21-23	9.6	33.3	27.6	29.0	
ALL HOURS	5.0	25.0	35.0	34.0	.0

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION
00-02	19.7	28.4	24.2	27.7	
03-05	5.2	29.7	30.2	34.9	
06-08	4.4	23.8	40.7	31.1	
09-11	4.1	22.9	44.1	28.9	
12-14	2.9	27.2	43.7	26.2	
15-17	1.5	34.3	42.6	21.6	
18-20	3.1	34.1	41.9	20.9	
21-23	11.3	36.2	33.2	19.2	
ALL HOURS	6.5	29.6	37.5	26.3	

B

QUENCY OF OCCURRENCE OF SKY COVER
M HOURLY OBSERVATIONS

FB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                            MONTH: MAY HOURS: ALL

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CLASSES

ST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
5		59.7		930
9	.3	70.2	.2	930
0	.3	78.2	.5	930
1		80.2	.3	930
5		75.2		930
5		70.2		928
4		56.6		927
5		55.5		927
0	.0	69.0	.0	7432

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                    MONTH: JUN HOURS: ALL

....
.7		51.9		900
.9		65.1		900
.1		71.3	.6	900
.9		73.0	.1	900
.2		69.9		900
.5		64.1		900
.9		62.3	.2	900
.2		52.4	.1	900
.3		63.9	.1	7200
....

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	
00-02	29.0	24.8	21.4	24.6		
03-05	13.5	28.3	26.5	31.0	.1	
06-08	7.3	25.5	30.8	34.4	.5	
09-11	9.5	29.4	29.2	31.9		
12-14	7.2	37.0	35.7	20.1		
15-17	4.7	43.7	34.4	17.2		
18-20	3.9	43.0	33.4	14.5		
21-23	21.1	37.0	25.4	16.6		
ALL HOURS	12.0	33.0	29.0	23.0	.0	

00-02	34.5	25.5	21.4	18.5		3
03-05	19.2	23.8	24.1	25.9	1.0	5
06-08	7.0	29.1	28.9	32.4	2.6	6
09-11	11.3	29.0	30.1	29.4	.2	5
12-14	8.1	40.6	32.8	18.5		5
15-17	4.3	46.7	35.2	13.3		4
18-20	7.3	50.0	29.2	12.9		4
21-23	28.5	35.2	20.4	15.9		3
ALL HOURS	15.2	35.6	27.8	21.0	.5	4

A

FREQUENCY OF OCCURRENCE OF SKY COVER
HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                          MONTH: JUL HOURS: ALL

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CLASSES

	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
		45.0		930
.1		57.5	.8	930
.5		65.7	2.3	930
		61.2	.2	930
		55.3		930
		51.5		930
		43.1		930
		41.7		930
.0		53.0	.0	7440

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                          MONTH: AUG HOURS: ALL

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	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
		39.9	.8	930
1.0		51.9	1.9	930
2.6		63.9	2.6	930
.2		59.7	1.7	930
		51.3		930
		48.5		930
		42.2		930
		36.3		930
.5		49.2	.9	7440

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OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES TOTAL OBSCURATION	CT 1/2
00-02	25.5	23.7	21.4	27.1	1.2	49.8
03-05	17.9	22.0	26.2	31.7	2.2	50.1
06-08	4.5	27.0	31.0	32.4	5.0	63.4
09-11	7.0	22.4	41.2	28.4	.9	70.5
12-14	7.8	28.8	40.6	22.9		63.4
15-17	7.1	34.7	37.2	21.0		58.2
18-20	10.2	39.7	31.0	19.1		50.1
21-23	27.9	28.9	20.6	22.9	.7	44.1
ALL HOURS	13.0	28.0	31.0	25.0	1.0	58.0

00-02	22.7	22.0	20.8	29.7	4.8	55.3
03-05	12.5	19.9	22.0	33.3	12.3	67.6
06-08	2.9	19.5	32.0	28.8	16.8	77.6
09-11	3.5	17.0	38.3	32.9	8.3	79.5
12-14	5.3	23.4	42.0	28.2	1.1	71.3
15-17	6.7	26.8	39.8	26.5	.3	66.6
18-20	14.4	31.0	25.2	28.7	.8	54.6
21-23	24.7	25.5	19.4	28.4	2.0	49.8
ALL HOURS	11.6	23.1	29.9	29.6	5.3	65.3

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WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                   MONTH: SEP HOURS:ALL

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ASSES

TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
1.2	49.8	2.9	900
2.2	50.1	4.8	900
5.0	53.4	6.0	900
.9	70.5	3.4	900
	55.4	.8	900
	58.2		900
	50.1	.6	900
.7	44.1	.4	900
1.0	53.0	2.0	7200

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MONTH: OCT HOURS: ALL

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4.8	65.3	10.4	930
12.3	67.5	10.4	930
16.8	77.5	5.8	930
8.3	79.5	7.2	930
1.1	71.3	3.7	930
.3	56.6	1.1	930
.8	54.6	2.2	930
2.0	49.8	5.2	930
5.3	65.3	6.0	7440

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b

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                    LSI TO UTC: + 8

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES TOTAL OBSCURATION	GT 1/2
00-02	11.0	15.0	21.2	46.9	5.9	74.0
03-05	8.3	16.2	17.0	51.4	7.0	75.4
06-08	3.3	14.7	27.0	47.3	6.7	81.4
09-11	2.4	13.0	36.3	42.2	5.7	84.2
12-14	2.7	13.1	35.7	46.8	1.6	84.2
15-17	3.5	15.0	34.1	45.7	.7	80.4
18-20	9.0	17.2	22.7	48.8	2.3	73.5
21-23	11.2	16.6	21.1	46.4	4.7	72.2
ALL HOURS	5.0	15.0	26.0	47.0	4.0	73.0

HOURS	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2
00-02	10.8	14.2	18.3	48.1	3.7	75.1
03-05	9.1	13.3	18.6	50.3	8.6	77.5
06-08	4.7	13.7	26.6	45.3	9.6	81.4
09-11	1.5	13.9	35.8	41.9	6.8	84.5
12-14	2.3	15.3	32.7	45.	4.1	82.5
15-17	1.3	20.0	29.5	47.0	2.3	73.7
18-20	8.4	18.3	23.4	44.2	5.7	73.3
21-23	10.3	15.8	17.5	48.6	7.7	73.9
ALL HOURS	5.1	15.6	25.3	46.4	6.7	78.4

B

SHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                  MONTH: NOV HOURS:ALL

SES

TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
5.9	74.0	12.1	900
7.0	75.4	11.3	900
6.7	81.4	8.4	900
5.7	84.2	5.6	900
1.6	84.2	3.1	900
.7	80.4	1.8	900
2.3	73.8	3.3	900
4.7	72.2	5.2	900
4.0	79.0	6.0	7200

MONTH: DEC HOURS: ALL

8.7	75.1	8.2	930
8.6	77.5	7.3	930
9.6	81.4	5.9	930
5.8	84.5	5.0	930
4.1	82.5	3.3	930
2.3	73.7	3.2	930
5.7	73.3	4.5	930
7.7	73.9	7.3	930
6.7	78.4	5.7	7440

0 - 3 - 6

PERCENTAGE FREQUENCY OF OCCURRENCE C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES TOTAL OBSCURATION	C 1/
00-02	18.5	21.2	21.5	36.0	2.9	60.
03-05	11.4	20.8	23.4	40.0	4.4	67.
06-08	4.5	20.3	30.5	39.2	5.4	75.
09-11	4.3	18.5	36.7	37.4	3.1	77.
12-14	3.7	22.2	38.9	34.3	.9	74.
15-17	3.1	26.9	37.3	32.3	.5	70.
18-20	5.6	29.6	30.2	32.3	1.3	63.
21-23	15.7	26.1	22.6	33.4	2.0	58.
ALL HOURS	8.5	23.2	30.1	35.6	2.6	68.

A

Y OF OCCURRENCE OF SKY COVER
RLY OBSERVATIONS

SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                  MONTH: ALL HOURS: ALL

. . . .
SES

TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
2.9	60.4	4.7	10959
4.4	67.3	4.8	10959
5.4	75.2	4.4	10959
3.1	77.2	3.3	10959
.9	74.1	1.5	10959
.5	70.2	1.0	10957
1.3	63.3	1.5	10956
2.0	58.0	3.0	10956
2.5	68.3	3.0	87664

. . . .

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PPPPPPPP        AAAAAA       RRRRRRRR     TTTTTTTTTT        EEEEEEEEEE
PPPPPPPPP       AAAAAAAA     RRRRRRRR     TTTTTTTTTT        EEEEEEEEEE
PP      PP     AA     AA     RR     RR        TT                EE
PP      PP     AA     AA     RR     RR        TT                EE
PPPPPPPPP      AA     AA     RRRRRRRRR        TT                EEEEE
PPPPPPPP       AAAAAAAAAA    RRRRRRRR         TT                EEEEE
PP             AAAAAAAAAA    RR     RR        TT                EE
PP             AA     AA     RR     RR        TT                EE
PP             AA     AA     RR     RR        TT             EEEEEEEEEE
PP             AA     AA     RR     RR        TT             EEEEEEEEEE
```

E - 1 - 1

TEMPERATURE AND RELATIVE HUMIDITY SU

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUEN
THESE TABLES ARE CREATED FROM SUMMARY OF DAY DA
URE FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES
SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. T
YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENH
GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD F
STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUN

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM
CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS
DATA COLLECTION FROM ALL USAF-OPERATED STATIONS
PAGE FOR DETAILED INFORMATION ON REPORTING PRAC

ONTHLY TEMPERATURES.
ALSO FROM SUMMARY OF DAY DATA. THE TABLES GIVE
ERATURES BY MONTH AND BY YEAR. MONTHLY RECORD
ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*)
WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE.
WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONT

MEAN MONTHLY TEMPERATURE.
ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY ME
FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERIS
MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE A
A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCO

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATI

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED)

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVAT
THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR
APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACC
"ENGINEERING WEATHER DATA." AND AWSP 105-56, "

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPE
MUST BE USED WITH CAUTION. WHEN THE DRY BULB
E. WET BULB TEMPERATURES ARE NOT REPORTED (FMH
DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN W
ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN S
MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHO
BULB TEMPERATURES.

E - 1 - 2

A

LATIVE HUMIDITY SUMMARIES

OCCURRENCE FREQUENCY (PDF).
I SUMMARY OF DAY DATA AND GIVE CUMULATIVE
I MEAN TEMPERATURES, RESPECTIVELY. DATA IS
YEARS COMBINED). TOTALS ARE GIVEN FOR THE WHOLE
IS 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5,
SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS,
AL OBSERVATION COUNTS ARE GIVEN.

245. DAILY MAXIMUM AND MINIMUM TEMPERATURES
OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED
I-OPERATED STATIONS. REFER TO THE "STATION HISTORY"
I ON REPORTING PRACTICES.

A. THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMP-
R. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN.
S. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR
ATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S)
/OR INCOMPLETE MONTHS.

A. GIVES MONTHLY MEAN TEMPERATURE BY MONTH,
YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A
X OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES
ISSING AND/OR INCOMPLETE MONTHS.

NT TEMPERATURES.
M HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

 TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

ALL HOURS COMBINED).

LL HOURS COMBINED).

AND TOTAL OBSERVATION COUNTS ARE GIVEN.
H TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
SUMMARY AND IN ACCORDANCE WITH AFM 88-29,
AND AWS 105-55, "METEOROLOGICAL TECHNIQUES."

H POINT MEAN TEMPERATURES FOR VERY COLD STATIONS
WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES
I NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN
ITLY, WINTER MEAN WET BULB TEMPERATURES) ARE
I THE TABLES. IN SOME HOUR GROUPS, IN FACT,
MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY

TEMPERATURE CONVERSIONS: F = 1.8C + 32

                    C = K - 273.0 (BEFORE 5 APRIL 77)
                    C = K - 273.2 (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
    CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE
    HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVI
    THE DATA IS SUMMARIZED AS FOLLOWS:

    - BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

    - BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

    - BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

E - 1 - 3

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL
GE 100							.1
GE 95						.3	1.0
GE 90					.3	.9	4.0
GE 85					1.9	4.2	11.0
GE 80				.4	5.2	11.4	27.0
GE 75				2.4	11.6	23.1	47.7
GE 70		.1	.9	6.4	22.9	40.5	73.1
GE 65		1.1	3.3	16.2	41.8	53.3	92.7
GE 60	.7	4.5	11.5	32.1	67.2	92.0	97.6
GE 55	5.5	17.4	32.9	61.7	90.5	99.3	100.0
GE 50	24.2	47.5	64.8	90.1	99.2	100.0	
GE 45	50.5	30.1	92.4	92.3	100.0		
GE 40	75.9	74.2	98.7	100.0			
GE 35	92.1	99.2	99.9				
GE 33	94.4	99.7	99.9				
GE 30	96.9	99.8	100.0				
GE 25	99.5	99.9					
GE 20	99.9	100.0					
GE 15	100.0						
GE 10							

	JAN	FEB	MAR	APR	MAY	JUN	JUL
MEAN	44.3	49.1	52.2	57.4	64.0	69.0	74.8
SD	7.08	5.04	5.15	7.01	8.14	7.80	7.64
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457

A

GE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

F3 WASHINGTON   PERIOD OF RECORD: 4008-8805
                       MONTH: ALL   HOURS: ALL

Y	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		.1						.0
	.3	1.0	.6	.1				.2
3	.9	4.0	2.9	.8				.7
	4.2	11.0	9.7	3.3	.1			2.5
	11.4	27.0	24.1	9.1	.5			6.5
5	23.1	47.3	45.7	23.0	2.3			13.0
	40.5	73.1	73.5	43.6	8.5	.3		22.5
8	65.3	92.9	93.3	70.8	22.7	1.3	.1	34.4
	92.0	97.6	99.2	93.5	51.2	6.0	1.1	46.6
5	99.3	100.0	100.0	99.7	80.2	24.4	8.3	60.1
2	100.0			100.0	96.2	58.2	29.3	75.8
0					99.5	84.3	56.4	88.5
					100.0	95.3	83.5	95.6
						98.8	95.7	98.8
						99.2	97.2	99.2
						99.4	98.5	97.5
						99.9	99.5	99.9
						100.0	99.5	100.0
							99.9	100.0
							100.0	100.0

.0	59.0	74.9	74.3	62.2	60.0	50.4	45.6	59.2
.4	7.80	7.64	7.25	7.28	6.55	6.40	6.60	12.66
38	1410	1457	1488	1440	1487	1440	1488	17470

S - 2 - 1   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                    LST 13 UTC: +08.

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	
GE	65							.2	
GE	60					.1	.9	3.6	
GE	55				.2	2.3	1..1	32.3	
GE	50	.6	1.0	.7	1.8	16.5	52.5	73.9	
GE	45	5.3	6.7	5.6	13.6	50.8	87.7	97.9	
GE	40	21.3	24.5	25.2	45.3	84.1	93.3	99.9	
GE	35	42.1	52.2	57.7	80.6	97.1	100.0	100.0	1
GE	33	53.0	62.0	68.3	89.5	98.7			
GE	30	70.2	79.1	84.2	93.2	99.9			
GE	25	84.5	94.8	93.1	100.0	100.0			
GE	20	91.5	97.3	99.7					
GE	15	95.2	98.3	99.9					
GE	10	97.9	99.7	100.0					
GE	5	99.4	99.3						
GE	0	99.8	99.9						
GE	-5	99.9	100.0						
GE	-10	100.0							

MEAN	32.4	34.7	35.	39.0	44.5	49.5	52.5	
SD	8.85	5.80	5.86	4.97	5.06	4.29	4.01	
TOTAL OBS	1439	1356	1488	1440	1488	1410	1457	

A

FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4008-8805
            MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	.2	.3					.0
.9	3.6	3.6	1.2	.2			.8
11.1	32.3	36.5	12.1	2.5	.1	.1	8.1
52.5	73.9	75.2	44.2	13.3	2.7	1.2	24.1
87.7	97.7	95.8	74.7	39.2	16.0	7.5	41.6
99.2	99.9	99.9	93.3	58.4	41.3	27.2	51.1
100.0	100.0	100.0	99.9	87.8	54.2	51.3	77.7
			99.7	93.2	71.9	62.3	83.3
			100.0	98.4	84.0	75.1	90.9
				99.7	95.0	90.1	96.5
				100.0	99.0	95.5	96.7
					99.4	99.7	99.4
					99.7	99.3	99.7
					99.3	99.9	99.9
					100.0	100.0	100.0
							100.0
							100.0
49.5	52.5	52.5	48.2	42.5	37.1	34.3	41.9
4.29	4.01	4.43	5.62	6.37	7.47	7.69	9.38
1410	1457	1489	1440	1487	1440	1488	17470

E - 2 - 2

STATION NUMBER: 742053   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: +08

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	
GE 80								.4
GE 75						.5	2.0	
GE 70						.8	3.3	11.0
GE 65					3.3	14.1	39.6	3
GE 60				1.3	15.1	44.4	74.1	3
GE 55	.1	1.0	1.4	9.7	44.4	87.0	93.2	3
GE 50	5.0	8.2	12.2	36.5	82.7	99.0	100.0	10
GE 45	22.3	33.0	44.9	80.7	98.5	100.0		
GE 40	47.0	70.7	84.5	99.2	100.0			
GE 35	73.5	93.0	97.7	100.0				
GE 30	91.4	95.7	99.1					
GE 25	93.7	93.1	99.3					
GE 20	94.5	99.5	99.9					
GE 20	97.3	99.7	100.0					
GE 15	99.7	99.9						
GE 10	100.0	100.0						

	JAN	FEB	MAR	APR	MAY	JUN	JUL
MEAN	38.5	42.1	44.1	48.4	54.4	59.5	63.2
SD	7.56	5.53	4.67	4.47	5.29	4.79	4.59
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457

B

GE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
     FROM SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4008-8605
                              MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	.4	.2					.1
.5	2.0	1.5	.1				.3
3.3	11.9	8.9	1.2				2.2
14.1	39.6	37.0	12.1	.5			9.0
44.4	84.1	85.3	43.1	6.0	.2	.1	23.6
87.0	93.2	93.3	82.9	27.3	2.9	.5	38.0
99.8	100.0	100.0	97.5	65.2	15.9	7.1	52.8
100.0			99.7	90.1	48.7	27.5	70.5
			100.0	99.0	77.2	54.8	86.1
				99.9	93.4	81.2	94.9
				99.9	95.2	89.3	99.7
				100.0	98.3	94.3	99.3
					99.4	98.3	99.3
					99.6	99.1	99.7
					99.9	99.9	100.0
					100.0	100.0	100.0

53.5	63.9	63.6	58.8	51.4	43.9	40.1	50.7
4.79	4.58	4.25	4.71	5.23	6.30	6.73	10.34
1410	1457	1489	1440	1487	1440	1488	17470

E - 2 - 3   B

OPERATING LOCATION 'A'   MONTHLY MAXIMUM TEMPERATURES IN FAHR
USAFETAC, ASHEVILLE NC   FROM SUMMARY OF DAY DATA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	A
40								5
41	56	65	73	78	82	92	100	9
42	59	54	70	75	78	97	99	9
43	58	61	59	78	78	85	88	E
44	53	54	64	76	88	86	75	5
45	55	53	60	70	86	84	90	5
46	59	60	65	75	86	84	92	E
47	57	62	74	83	87	81	87	6
48	52	58	68	65	82	89	90	7
49	53	56	62	77	80	84	83	3
50	51	60	59	72	81	86	83	
51	56	60	65	81	85	95	95	5
52	59	65	62	73	83	90	90	1
53	57	55	64	66	83	75	92	5
54	55	61	54	70	77	73	83	
55	52	52	62	70	73	93	83	
56	58	48	69	75	87	78	93	
57	48	59	62	75	82	77	82	
58	58	65	61	76	88	91	98	
59	56	57	59	74	79	87	97	
60	61	56	67	70	79	85	92	
61	60	57	59	66	85	85	95	
62	59	68	69	80	67	85	90	
63	57	65	65	67	91	87	77	
64	54	58	72	54	83	90	83	
65	52	59	65	76	73	84	71	
66	55	66	70	74	79	82	84	
67	57	60	56	64	83	87	87	
68	60	71	70	78	77	88	92	
69	58	54	74	69	90	90	86	
70	53	65	63	66	81	95	94	

B

E - 3 - 1A

4 TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4008-3805
                               MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
		91	84	75	61	54	91*
92	100	90	74	71	67	62	100
97	99	98	83	76	59	57	99
85	88	87	92	82	63	55	92
86	76	93	93	74	62	59	95
84	92	89	83	79	59	60	92
84	92	88	84	67	61	57	92
81	87	87	87	69	58	59	87
89	90	79	83	74	54	48	90
84	83	92	87	73	72	57	92
85	83	91	88	71	58	52	91
95	95	83	90	80	62	50	95
80	90	93	93	79	65	59	93
75	92	86	88	80	64	53	92
78	83	82	77	70	54	56	83
92	83	88	88	68	52	55	92
78	93	89	96	68	61	57	96
77	82	83	86	70	60	61	86
91	98	90	86	74	63	60	98
87	97	83	73	66	60	58	97
85	92	83	81	69	61	61	93
85	95	92	85	79	59	55	95
85	90	82	84	76	63	61	90
87	77	85	90	80	60	60	91
80	83	85	76	71	57	54	85
84	91	87	76	75	54	62	91
82	84	88	83	75	64	56	88
87	87	94	90	71	59	54	94
83	92	90	82	70	58	56	92
90	86	83	82	72	61	59	90
95	94	90	83	78	69	55	95

E - 3 - 1A

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	50	53	53	75	86	83	95
72	53	50	70	75	89	79	90
73	61	65	64	69	83	90	89
74	59	56	63	69	67	63	90
75	54	60	57	66	73	86	83
76	54	53	60	80	79	82	84
77	57	63	55	74	69	85	84
78	55	60	67	68	80	91	93
79	52	57	65	75	79	86	96
80	51	60	59	74	75	72	83
81	63	52	54	71	76	73	87
82	57	57	60	79	78	93	87
83	58	60	63	72	94	76	83
84	61	59	64	78	79	83	91
85	50	52	61	69	79	87	93
86	62	72	69	72	84	89	81
87	59	59	71	82	86	91	85
88	55	62	69	75	86		

GREATEST	63	72	74	83	94	99	100
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457	1

THE GREATEST VALUE OF   100   OCCURRED ON   07/16/41

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF

B

TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON
PERIOD OF RECORD: 4008-8805
MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
33	75	34	73	73	58	50	95
79	90	93	88	76	60	57	93
90	89	83	97	70	62	58	90
83	90	90	92	76	62	60	92
86	38	81	34	81	70	58	88
32	34	77	83	71	63	61	84
35	84	97	76	70	60	55	97
91	93	97	73	74	62	52	97
36	96	81	93	75	59	59	96
72	33	84	79	83	70	65	84
73	37	39	93	65	67	58	99
93	47	86	38	58	54	57	93
76	33	80	79	66	64	52	94
33	91	85	85	79	55	53	91
27	93	89	74	65	59	51	93
39	81	38	88	72	57	55	93
91	35	91	91	87	63	57	91
							86*

| 99 | 100 | 99 | 96 | 87 | 72 | 66 | 100 |

| 1410 | 1457 | 1488 | 1440 | 1487 | 1440 | 1488 | 17470 |

RRED ON   07/16/41

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 18

B

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
40							
41	25	25	26	32	35	43	46
42	10	22	28	33	33	42	43
43	-6	24	21	31	32	42	42
44	20	23	22	31	32	35	42
45	21	23	24	27	35	37	42
46	25	25	29	30	35	41	45
47	10	22	25	34	34	41	41
48	19	18	26	29	32	44	45
49	4	16	28	30	32	40	42
50	-5	-1	22	30	34	41	45
51	10	23	25	29	36	40	45
52	12	21	26	27	32	40	46
53	31	27	26	30	35	45	45
54	2	28	25	31	27	41	45
55	26	13	12	30	37	42	44
56	12	11	20	30	34	41	43
57	2	15	29	32	39	44	45
58	25	25	26	32	33	47	47
59	5	27	27	30	32	39	45
60	13	18	20	31	36	40	44
61	21	32	29	27	35	43	45
62	10	16	26	31	32	39	39
63	6	26	25	27	31	41	42
64	27	24	27	28	31	42	44
65	27	26	19	29	32	43	45
66	24	23	25	29	32	40	45
67	26	25	24	29	37	43	44
68	20	21	27	30	37	42	45
69	11	22	25	32	33	47	43
70	13	29	25	30	33	44	43

E - 3 - 2A

MUM TEMPERATURES IN FAHRENHEIT
M SUMMARY OF DAY DATA

Y	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
			44	39	31	21	16	15*
	43	46	47	36	37	24	19	19
	42	43	42	34	29	26	29	10
	42	42	47	38	29	28	22	-6
	35	42	41	36	36	25	14	14
	37	42	41	35	30	24	15	15
	41	45	44	34	26	23	18	18
	41	41	41	35	34	25	27	10
	44	45	45	34	28	24	15	15
	40	42	42	35	24	34	17	4
	41	45	42	31	31	23	33	-5
	40	45	44	41	30	24	15	10
	40	46	43	33	31	19	23	12
	45	45	47	33	31	28	30	26
	41	45	44	35	30	27	23	9
	42	44	43	37	34	2	19	2
	41	43	43	35	28	25	15	11
	44	45	43	37	29	26	27	2
	47	47	47	40	29	20	30	20
	39	45	42	33	30	23	22	5
	40	44	41	35	30	22	22	18
	40	45	47	34	31	22	19	19
	39	39	42	40	33	27	16	10
	41	42	46	41	30	24	23	6
	42	44	42	36	32	26	7	7
	43	45	41	32	34	27	23	19
	40	46	42	42	32	25	27	23
	43	44	44	39	34	27	17	17
	42	45	45	38	30	26	8	8
	47	43	41	31	21	23	23	11
	44	48	44	34	25	26	21	13

E - 3 - 2A

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	19	21	13	29	34	42	45
72	3	8	29	29	34	42	45
73	7	24	30	31	36	42	45
74	13	30	25	30	32	40	45
75	24	25	25	23	36	40	47
76	25	21	24	30	37	35	44
77	19	28	27	31	35	41	43
78	17	25	25	30	35	44	49
79	6	17	28	33	40	40	43
80	5	23	28	29	33	40	45
81	27	25	23	29	36	40	43
82	11	18	27	28	34	41	47
83	23	26	30	30	37	42	46
84	17	28	31	31	35	33	46
85	24	17	23	27	31	42	43
86	30	22	30	32	39	43	45
87	20	25	25	32	41	44	48
88	17	21	26	31	36		

LEAST	-6	-1	12	27	27	35	39
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457

THE LEAST VALUE OF   -6   OCCURRED ON   01/22/43

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

β   E - 3 - 28

TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4008-8305
                              MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42	45	47	38	20	26	22	13
42	46	47	31	25	30	5	3
42	45	41	39	33	26	29	7
40	45	49	40	33	31	22	13
40	47	44	41	34	23	23	23
35	44	45	40	30	22	25	21
41	43	46	39	36	16	22	16
44	49	47	41	31	17	5	5
40	43	47	43	35	25	25	6
40	45	33	43	32	31	21	5
40	43	45	43	33	26	27	25
41	47	43	35	29	20	20	11
42	46	47	34	32	24	4	4
33	46	44	33	29	29	18	17
42	43	44	33	29	3	2	3
43	45	45	42	34	27	22	22
44	48	45	40	32	23	19	19
							17*

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35	39	38	31	20	2	4	-6

| 1410 | 1457 | 1488 | 1440 | 1487 | 1440 | 1488 | 17470 |

RRED ON 01/22/43

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 29

6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                             LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
40							
41	41	43	49	52	55	60	63
42	37	41	43	50	55	58	66
43	33	42	42	51	53	59	64
44	39	40	42	49	54	59	64
45	41	42	43	47	56	53	64
46	40	41	44	48	57	58	64
47	35	43	46	51	57	59	63
48	38	40	42	46	53	62	63
49	28	37	45	49	57	58	62
50	26	40	42	46	53	51	64
51	37	42	41	50	56	63	66
52	37	41	43	50	55	58	65
53	45	42	44	49	54	58	64
54	38	44	42	48	55	57	61
55	40	33	40	45	52	53	61
56	39	36	41	49	57	57	64
57	32	39	44	51	58	61	62
58	43	47	43	49	59	64	69
59	40	41	44	49	52	60	65
60	38	41	43	49	53	58	65
61	43	44	45	47	53	62	65
62	39	43	42	50	51	58	63
63	33	45	42	48	54	53	61
64	42	41	44	46	52	57	61
65	33	41	43	43	52	59	65
66	41	42	44	49	53	53	63
67	43	43	42	46	54	62	64
68	40	45	52	48	55	59	66
69	33	40	45	50	58	54	63
70	39	45	46	47	55	53	66

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E - 4 - 1A

TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON

PERIOD OF RECORD: 4008-8305
MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
		54	52	54	40	41	52*
60	58	64	57	52	46	41	52
59	56	57	60	52	43	42	51
59	64	63	60	52	44	37	50
59	54	63	51	54	44	35	50
58	54	54	57	52	44	39	51
58	54	63	58	48	40	39	50
59	53	62	59	52	43	42	51
62	63	61	57	50	42	35	49
55	52	62	59	47	49	38	49
51	54	55	59	50	44	46	50
53	56	53	61	52	44	37	51
58	55	64	60	55	41	42	51
55	54	64	60	54	48	43	52
57	51	52	59	51	49	40	50
53	51	52	53	51	40	39	49
57	64	62	57	50	42	41	50
61	62	62	63	51	42	43	51
64	69	66	59	52	43	44	53
60	55	52	57	51	43	39	50
53	55	62	57	52	42	38	50
62	55	66	55	49	41	41	51
58	63	62	54	53	46	42	51
53	61	53	62	54	44	42	51
57	51	50	56	51	42	36	49
59	55	54	55	54	48	40	51
53	63	64	60	51	46	44	51
62	64	67	62	53	45	40	52
59	56	62	58	49	44	37	51
54	63	63	58	48	43	41	51
53	56	64	58	51	45	40	52

E - 4 - 1A   B

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	42	42	42	47	55	57	55
72	36	41	47	46	55	50	54
73	39	44	47	50	57	51	65
74	40	44	46	47	50	58	63
75	39	41	42	45	54	58	64
76	43	41	41	48	53	57	53
77	37	45	42	50	51	61	51
78	43	45	47	48	53	63	65
79	33	40	46	49	55	60	55
80	34	43	43	50	53	55	62
81	43	43	47	49	53	57	52
82	39	41	43	45	53	61	63
83	43	45	47	48	56	57	60
84	43	44	47	48	51	58	54
85	37	39	42	48	53	50	58
86	44	43	49	48	55	51	51
87	39	44	47	50	58	62	54
88	39	44	45	50	55		

	JAN	FEB	MAR	APR	MAY	JUN	JUL
MEAN	38.5	42.1	44.1	48.4	54.4	58.5	63.9
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% C

N TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON   PERIOD OF RECORD: 4008-9805
                              MONTH: ALL   HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
57	55	53	57	50	45	33	51	
50	64	55	56	49	45	37	50	
51	65	60	53	51	44	44	52	
55	63	66	54	53	48	43	52	
53	64	61	59	52	45	43	50	
52	53	51	60	52	45	42	51	
51	51	57	57	52	42	40	50	
63	65	65	58	52	39	35	51	
50	55	54	51	53	42	44	51	
55	52	51	58	52	48	46	50	
57	52	58	51	51	47	42	52	
51	53	62	57	50	39	39	49	
57	50	53	55	50	43	36	51	
53	54	63	60	49	44	38	51	
50	58	54	57	51	36	37	49	
51	51	57	58	53	45	39	52	
62	54	56	52	54	47	38	53	
							46*	

53.5	53.9	43.6	58.3	51.4	43.9	40.1	50.7
1410	1457	1498	1440	1487	1440	1498	17470

WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 0
00-02	35.4	8.158	930	0
03-05	35.2	8.479	930	0
06-08	35.7	8.775	930	0
09-11	38.5	7.532	930	0
12-14	43.1	6.147	930	0
15-17	43.3	6.303	930	0
18-20	40.0	6.573	930	0
21-23	37.3	7.337	930	0
ALL HOURS	38.0	7.373	7440	0

00-02	39.2	7.148	849	0
03-05	38.5	7.419	849	0
06-08	39.4	7.547	849	0
09-11	42.3	6.699	849	0
12-14	46.9	6.012	849	0
15-17	47.3	5.825	849	0
18-20	43.3	5.795	849	0
21-23	40.7	6.582	849	0
ALL HOURS	42.1	7.498	6792	0

Y BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                      MONTH: JAN

· ·
     MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL
          LE 0   LE 32   GE 65   GE 80   GE 93   HOURS

LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
0	254	0	0	0	930
0	260	0	0	0	930
0	232	0	0	0	930
0	131	0	0	0	930
0	44	0	0	0	930
0	38	0	0	0	930
0	117	0	0	0	930
0	199	0	0	0	930
0	1375	0	0	0	7440

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                      MONTH: FEB
· ·

LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
0	170	0	0	0	849
0	203	0	0	0	849
0	205	0	0	0	849
0	74	0	0	0	849
0	8	1	0	0	849
0	3	3	0	0	849
0	23	0	0	0	849
0	107	0	0	0	849
0	793	4	0	0	6792

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E - 5 - 1 - 1   D

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE O L:
00-02	40.7	5.455	930	0
03-05	37.5	6.029	930	0
06-08	39.8	5.077	930	0
09-11	45.5	4.725	930	0
12-14	51.2	5.214	930	0
15-17	52.0	5.703	930	0
18-20	47.5	5.103	930	0
21-23	43.2	4.725	930	0
ALL HOURS	45.1	7.077	7440	0

00-02	43.3	5.178	900	0
03-05	41.4	5.537	900	0
06-08	43.4	5.294	900	0
09-11	50.4	5.215	900	0
12-14	54.7	5.610	900	0
15-17	55.5	7.542	900	0
18-20	51.7	5.812	900	0
21-23	46.7	5.370	900	0
ALL HOURS	48.4	7.914	7200	0

A   E - 5 - 1 -

BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON		PERIOD OF RECORD: JUN 78 - MAY 88
		MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	55	0	0	0	930
0	136	0	0	0	930
0	135	0	0	0	930
0	1	0	0	0	930
0	0	7	0	0	930
0	0	19	0	0	930
0	0	2	0	0	930
0	10	0	0	0	930
0	347	28	0	0	7440

MONTH: APR

LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	9	0	0	0	900
0	46	0	0	0	900
0	24	0	0	0	900
0	0	14	0	0	900
0	0	34	0	0	900
0	0	118	3	0	900
0	0	39	1	0	900
0	0	1	0	0	900
0	79	256	4	0	7200

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
LST TO UTC: +8   M

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEN NUMBER OF LE O LE
00-02	48.4	5.134	930	0
03-05	46.7	5.136	930	0
06-08	50.0	5.260	930	0
09-11	55.0	5.351	930	0
12-14	60.3	7.651	930	0
15-17	61.4	8.257	928	0
18-20	57.8	7.524	927	0
21-23	52.2	5.733	927	0
ALL HOURS	54.1	8.274	7432	0

00-02	53.3	3.925	900	0
03-05	51.2	4.033	900	0
06-08	55.0	4.391	900	0
09-11	61.2	5.277	900	0
12-14	65.7	7.729	900	0
15-17	67.4	8.455	900	0
18-20	64.3	7.591	900	0
21-23	57.7	5.001	900	0
ALL HOURS	59.5	8.395	7200	0

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DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

AFB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 85
                        MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	2	0	0	930
0	1	0	0	0	930
0	0	12	0	0	930
0	0	95	1	0	930
0	0	239	19	0	930
0	0	293	27	1	929
0	0	153	10	0	927
0	0	36	0	0	927
0	1	829	57	1	7432

MONTH: JUN

0	0	5	0	0	900
0	0	2	0	0	900
0	0	30	0	0	900
0	0	229	10	0	900
0	0	431	56	1	900
0	0	504	104	1	900
0	0	380	38	0	900
0	0	88	0	0	900
0	2	1570	208	2	7200

E - 5 - 1 - 3   b

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER O. LE O L
00-02	55.7	3.933	930	0
03-05	54.2	3.786	930	0
06-08	57.4	4.141	930	0
09-11	64.4	5.939	930	0
12-14	69.9	7.359	930	0
15-17	72.1	3.061	930	0
18-20	58.6	7.620	930	0
21-23	61.4	5.170	930	0
ALL HOURS	63.1	8.524	7440	0

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER O. LE O L
00-02	57.3	4.116	930	0
03-05	54.7	4.330	930	0
06-08	57.0	4.654	930	0
09-11	65.2	5.807	930	0
12-14	71.3	7.005	930	0
15-17	73.7	7.665	930	0
18-20	69.2	6.914	930	0
21-23	62.0	4.809	930	0
ALL HOURS	63.9	8.898	7440	0

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BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83
                           MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL

LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	32	0	0	930
0	0	5	0	0	930
0	0	56	0	0	930
0	0	402	11	0	930
0	0	687	106	1	930
0	0	750	185	9	930
0	0	601	92	2	930
0	0	230	2	0	930
0	0	2764	397	12	7440

MONTH: AUG

LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	42	0	0	930
0	0	8	0	0	930
0	0	52	0	0	930
0	0	440	22	0	930
0	0	769	129	5	930
0	0	837	205	16	930
0	0	565	84	4	930
0	0	226	4	0	930
0	0	3039	444	25	7440

E - 5 - 1 - 4   b

OPERATING LOCATION "A"

USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUM

FROM HOURLY OBSERVATI

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON

LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 0 L
00-02	52.9	5.190	900	0
03-05	51.2	5.722	900	0
06-08	52.4	5.783	900	0
09-11	50.4	5.444	900	0
12-14	65.7	5.635	900	0
15-17	65.7	7.237	900	0
18-20	61.4	5.235	900	0
21-23	55.5	5.074	900	0
ALL HOURS	53.3	8.199	7200	0

00-02	46.1	6.575	930	0
03-05	45.4	7.003	930	0
06-08	46.0	5.938	930	0
09-11	52.8	6.129	930	0
12-14	58.2	6.461	930	0
15-17	58.5	6.525	930	0
18-20	52.6	5.655	930	0
21-23	48.3	5.977	930	0
ALL HOURS	51.0	8.178	7440	0

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E - 5 - 1 -

/ BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

3 WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                      MONTH: SEP

....
      MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL
        LE 0   LE 32   GE 65   GE 80   GE 93   HOURS
....

LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	4	0	0	900
0	0	0	0	0	900
0	0	6	0	0	900
0	0	194	5	0	900
0	0	488	24	1	900
0	0	526	48	1	900
0	0	247	8	0	900
0	0	33	0	0	900
0	0	1503	85	2	7200

....

                      MONTH: OCT

....

LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	15	0	0	0	930
0	21	1	0	0	930
0	29	2	0	0	930
0	0	32	0	0	930
0	0	151	3	0	930
0	0	141	6	0	930
0	0	18	0	0	930
0	2	2	0	0	930
0	67	347	9	0	7440

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E - 5 - 1 - 5   5

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 0
00-02	40.9	8.815	900	0
03-05	40.4	8.896	900	0
06-08	40.1	9.066	900	0
09-11	43.8	8.089	900	0
12-14	47.7	7.040	900	0
15-17	47.2	6.975	900	0
18-20	43.5	7.530	900	0
21-23	41.8	8.406	900	0
ALL HOURS	43.2	8.537	7200	0

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 0
00-02	37.5	8.650	930	0
03-05	36.9	9.021	930	0
06-08	36.6	8.971	930	0
09-11	39.1	8.146	930	0
12-14	43.0	6.715	930	0
15-17	42.4	6.573	930	0
18-20	39.5	7.301	930	0
21-23	38.2	8.118	930	0
ALL HOURS	39.2	8.328	7440	0

BULB TEMPERATURE SUMMARY
ROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                           MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL
      LE 0   LE 32   GE 65   GE 80   GE 93   HOURS

LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
0	139	0	0	0	900
0	167	0	0	0	900
0	171	1	0	0	900
0	81	0	0	0	900
0	30	6	0	0	900
0	31	6	0	0	900
0	53	0	0	0	900
0	113	0	0	0	900
0	795	13	0	0	7200

MONTH: DEC

LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
0	245	0	0	0	930
0	264	0	0	0	930
0	267	0	0	0	930
0	170	0	0	0	930
0	48	0	0	0	930
0	50	0	0	0	930
0	152	1	0	0	930
0	213	0	0	0	930
0	1409	1	0	0	7440

E - 5 - 1 - 6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON

LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 0	LE
00-02	45.2	9.535	10959	0	
03-05	44.7	9.230	10959	0	1
06-08	45.0	10.216	10959	0	1
09-11	51.3	11.350	10959	0	
12-14	56.5	11.908	10959	0	
15-17	57.4	12.794	10957	0	
18-20	53.3	12.421	10956	0	
21-23	48.9	10.457	10955	0	
ALL HOURS	50.6	11.972	87664	0	

BULB TEMPERATURE SUMMARY
24 HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 74 - MAY 88
                    MONTH: ALL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	897	86	0	0	10959
0	1098	17	0	0	10959
0	1113	159	0	0	10959
0	507	1406	49	0	10959
0	130	2862	337	8	10959
0	122	3197	579	28	10957
0	355	2106	233	6	10956
0	644	621	6	0	10956
0	4366	10454	1204	42	97664

F - 5 - 1 - 7

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 32 GE
00-02	34.8	8.013	930	337
03-05	34.3	8.349	930	349
06-08	34.1	8.625	930	344
09-11	35.3	7.514	930	256
12-14	39.5	6.255	930	119
15-17	39.5	6.173	929	113
18-20	37.3	6.730	930	215
21-23	35.7	7.363	930	272
ALL HOURS	35.4	7.702	7439	2005

00-02	37.0	7.052	846	227
03-05	36.5	7.137	845	250
06-08	36.4	7.415	844	248
09-11	39.6	6.456	849	120
12-14	42.5	5.689	849	50
15-17	42.6	5.553	849	44
18-20	40.2	5.991	849	86
21-23	39.3	6.625	849	152
ALL HOURS	39.2	6.921	6781	1207

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BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                           MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL

LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
337	8	0	0	0	930
349	9	0	0	0	930
344	14	0	0	0	930
255	16	0	0	0	930
119	34	0	0	0	930
113	34	0	0	0	929
215	24	0	0	0	930
272	15	0	0	0	930
2005	157	0	0	0	7439

MONTH: FEB

LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
227	24	0	0	0	845
250	25	0	0	0	846
248	29	0	0	0	844
120	43	0	0	0	849
50	82	0	0	0	849
44	76	0	0	0	849
86	42	0	0	0	849
152	33	0	0	0	849
1207	354	0	0	0	6791

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER C LE 32 G
00-02	38.6	5.341	930	125
03-05	37.6	5.939	930	213
06-08	37.7	5.333	930	149
09-11	42.6	4.050	930	3
12-14	45.0	3.998	930	0
15-17	45.2	4.208	930	0
18-20	42.4	4.254	930	2
21-23	40.4	4.625	930	37
ALL HOURS	41.2	5.664	7440	574

00-02	40.6	4.960	900	33
03-05	39.1	5.297	900	99
05-08	40.7	5.022	900	52
09-11	45.2	4.332	900	0
12-14	47.3	4.851	900	0
15-17	47.4	5.016	900	0
19-20	45.4	4.910	900	0
21-23	42.3	4.663	900	5
ALL HOURS	43.6	5.794	7200	189

BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON		PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
125	17	0	0	0	930
213	18	0	0	0	930
153	13	0	0	0	930
3	51	0	0	0	930
0	124	0	0	0	930
0	146	0	0	0	930
2	59	0	0	0	930
37	24	0	0	0	930
574	457	0	0	0	7440

MONTH: APR

33	50	0	0	0	900
99	35	0	0	0	900
52	45	0	0	0	900
0	138	0	0	0	900
0	250	0	0	0	900
0	275	0	0	0	900
0	174	0	0	0	900
5	31	0	0	0	900
189	1058	0	0	0	7200

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   PE
                            LST TO UTC: + 8   MO

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF H LE 32	GE 5
00-02	45.2	4.561	930	3	1
03-05	44.0	4.699	930	6	1(
06-08	45.4	4.430	930	2	1
09-11	49.8	4.531	923	0	4
12-14	51.0	5.027	930	0	5
15-17	52.2	5.055	923	0	6
18-20	50.4	4.905	927	0	4
21-23	47.5	4.490	927	0	2
ALL HOURS	43.4	5.539	7431	11	25

00-02	49.3	3.491	900	0	
03-05	48.3	3.715	900	0	
06-08	51.0	3.586	900	0	
09-11	54.4	4.053	900	0	
12-14	56.5	4.412	900	0	
15-17	57.0	4.476	900	0	
18-20	55.3	4.206	900	0	
21-23	52.3	3.559	900	0	
ALL HOURS	53.1	4.982	7200	0	

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E - 5 - 2 -

BULB TEMPERATURE SUMMARY
OM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                              MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL
        LE 32   GE 50   GE 67   GE 73   GE 80   HOURS

LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
3	144	0	0	0	930
6	107	0	0	0	930
2	193	0	0	0	930
0	425	2	0	0	929
0	595	12	0	0	930
0	609	10	0	0	928
0	494	3	0	0	927
0	256	0	0	0	927
11	2323	27	0	0	7431

MONTH: JUN

LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
0	472	0	0	0	900
0	348	0	0	0	900
0	602	0	0	0	900
0	813	2	0	0	900
0	867	21	0	0	900
0	874	30	0	0	900
0	839	10	0	0	900
0	693	1	0	0	900
0	5508	64	0	0	7200

E - 5 - 2 - 3   6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 32	GE
00-02	53.2	3.440	930	0	
03-05	51.4	3.406	929	0	
06-08	53.9	3.223	930	0	
09-11	57.6	3.651	930	0	
12-14	60.2	4.026	930	0	
15-17	60.9	3.970	930	0	
18-20	59.1	3.930	930	0	
21-23	55.9	3.474	930	0	
ALL HOURS	56.5	4.201	7439	0	6

00-02	53.7	3.734	930	0	
03-05	51.3	4.093	930	0	
06-08	53.7	4.015	929	0	
09-11	58.4	3.616	929	0	
12-14	61.0	3.693	930	0	
15-17	61.5	3.656	930	0	
18-20	59.6	3.554	930	0	
21-23	56.4	3.538	930	0	
ALL HOURS	57.0	5.068	7437	0	6

T BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                        MONTH: JUL

. . . .
      MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL
          LE 32   GE 50   GE 67   GE 73   GE 80   HOURS

LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
0	784	0	0	0	930
0	640	0	0	0	929
0	835	0	0	0	930
0	924	7	0	0	930
0	923	67	0	0	930
0	930	95	0	0	930
0	924	31	0	0	930
0	390	0	0	0	930
0	6355	200	0	0	7439

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                    MONTH: AUG

LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
0	801	1	0	0	930
0	666	0	0	0	930
0	797	3	0	0	929
0	927	27	1	0	929
0	930	85	3	0	930
0	930	98	4	0	930
0	929	46	0	0	930
0	909	10	0	0	930
0	6889	270	8	0	7437

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      E - 5 - 2 - 4   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 32
00-02	50.0	5.033	900	0
03-05	49.6	5.544	900	5
06-08	49.7	5.472	900	7
09-11	54.6	3.877	900	0
12-14	57.1	3.909	900	0
15-17	57.3	4.157	900	0
18-20	54.9	4.298	900	0
21-23	51.9	4.477	900	0
ALL HOURS	53.0	5.630	7200	12

00-02	43.6	6.227	930	37
03-05	43.0	6.631	930	60
06-08	43.6	6.616	930	54
09-11	48.8	4.893	930	2
12-14	51.6	4.645	930	0
15-17	51.6	4.728	930	0
18-20	48.5	4.939	930	3
21-23	45.5	5.642	930	12
ALL HOURS	47.0	6.528	7440	168

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BULB TEMPERATURE SUMMARY
OF HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: SEP

. . . .
    MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL
        LE 32 GE 50   GE 67   GE 73   GE 80   HOURS
. . . .

LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
0	501	0	0	0	900
5	418	0	0	0	900
7	495	0	0	0	900
0	825	2	0	0	900
0	879	9	0	0	900
0	977	14	0	0	900
0	809	0	0	0	900
0	638	0	0	0	900
12	5442	25	0	0	7200

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MONTH: OCT

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LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
37	178	0	0	0	930
60	164	0	0	0	930
54	179	0	0	0	930
2	407	0	0	0	930
0	630	0	0	0	930
0	623	0	0	0	930
3	389	0	0	0	930
12	219	0	0	0	930
168	2789	0	0	0	7440

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E - 5 - 2 - 5

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER O: LE 32 G
00-02	33.8	8.374	900	196
03-05	38.4	8.397	900	203
06-08	38.1	8.577	900	211
09-11	41.1	7.493	899	107
12-14	43.7	6.357	900	47
15-17	43.4	6.397	900	50
18-20	41.0	7.087	900	107
21-23	39.6	7.950	900	149
ALL HOURS	40.5	7.832	7199	1060

00-02	35.4	8.225	930	321
03-05	34.9	8.563	930	330
06-08	34.7	8.526	930	330
09-11	36.8	7.707	930	236
12-14	39.6	6.608	930	91
15-17	39.2	6.556	930	103
18-20	37.1	7.185	930	230
21-23	36.0	7.794	930	277
ALL HOURS	36.7	7.859	7440	1918

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BULB TEMPERATURE SUMMARY
ROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 79 - MAY 88
                              MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL

LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
186	75	0	0	0	900
203	64	0	0	0	900
211	61	0	0	0	900
107	105	0	0	0	899
47	160	0	0	0	900
50	151	0	0	0	900
107	104	0	0	0	900
149	79	0	0	0	900
1060	739	0	0	0	7199

MONTH: DEC

LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
321	39	0	0	0	930
330	30	0	0	0	930
330	20	0	0	0	930
236	27	0	0	0	930
91	42	0	0	0	930
103	43	0	0	0	930
230	37	0	0	0	930
277	37	0	0	0	930
1918	275	0	0	0	7440

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WET BULB TEMPERATURE SL
FROM HOURLY OBSERVATI

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER D LE 32 G
00-02	43.4	8.909	10955	1262
03-05	42.3	8.796	10955	1515
06-08	43.4	9.454	10953	1437
09-11	47.1	9.394	10955	728
12-14	49.7	9.043	10959	307
15-17	49.9	9.263	10956	310
18-20	47.7	9.523	10955	644
21-23	45.2	9.154	10956	934
ALL HOURS	45.1	9.595	87644	7144

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T BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

3 WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                         MONTH: ALL

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| MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F | | | | | TOTAL |
LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
1269	3093	1	0	0	10956
1515	2524	0	0	0	10955
1437	3233	3	0	0	10953
723	4701	40	1	0	10955
307	5531	194	3	0	10959
310	5568	247	4	0	10956
644	4824	90	0	0	10956
934	3877	11	0	0	10955
7144	33405	536	8	0	87646

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E - 5 - 2 - 7   6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	31.3	9.777	930	263
03-05	31.0	9.995	930	277
05-08	30.8	10.179	930	276
09-11	32.6	9.335	930	215
12-14	34.2	9.459	930	164
15-17	34.2	9.674	929	164
18-20	33.1	9.460	930	209
21-23	32.1	9.579	930	250
ALL HOURS	32.4	9.735	7433	1737

00-02	33.6	8.460	846	184
03-05	33.4	8.410	845	180
06-08	33.4	8.440	844	183
09-11	35.9	7.857	849	110
12-14	37.0	7.932	849	81
15-17	36.7	8.041	849	80
18-20	35.9	8.097	849	102
21-23	34.9	8.269	849	148
ALL HOURS	35.1	9.335	6781	1068

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POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

| WASHINGTON | PERIOD OF RECORD: JUN 78 - MAY 88 |
| | MONTH: JAN |

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL

LE 27	GE 37	LE 55	GE 65	HOURS
263	303	930	0	930
277	274	930	0	930
276	273	930	0	930
215	334	930	0	930
164	422	930	0	930
164	448	929	0	929
208	391	930	0	930
230	319	930	0	930
1737	2769	7439	0	7439

MONTH: FEB

LE 27	GE 37	LE 55	GE 65	HOURS
184	352	846	0	849
180	318	846	0	849
183	307	844	0	849
110	435	849	0	849
81	476	846	0	849
80	463	849	0	849
102	437	849	0	849
148	403	849	0	849
1068	3191	6777	0	6781

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	35.5	5.272	930	102
03-05	34.5	5.803	930	162
06-08	34.8	6.718	930	135
09-11	37.9	5.329	930	15
12-14	37.8	6.092	930	28
15-17	37.3	6.538	930	56
18-20	37.0	6.061	930	46
21-23	35.7	5.793	930	50
ALL HOURS	35.4	6.368	7440	535

00-02	37.1	5.668	900	26
03-05	36.0	6.003	900	61
06-08	37.4	5.710	900	34
09-11	39.5	5.393	900	8
12-14	39.3	5.292	900	23
15-17	38.6	6.741	900	42
18-20	38.4	6.292	900	39
21-23	38.2	5.633	900	19
ALL HOURS	38.0	6.107	7200	252

POINT TEMPERATURE SUMMARY
FOR HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                       MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL

LE 27	GE 37	LE 55	GE 65	HOURS
102	414	930	0	930
162	380	930	0	930
135	396	930	0	930
15	537	930	0	930
28	534	930	0	930
56	494	930	0	930
46	433	930	0	930
50	467	930	0	930
535	3705	7440	0	7440

MONTH: APR

LE 27	GE 37	LE 55	GE 65	HOURS
26	449	900	0	900
61	411	900	0	900
34	508	899	0	900
8	619	893	0	900
23	592	887	0	900
42	562	891	0	900
39	539	892	0	900
19	527	898	0	900
252	4207	7160	0	7200

E - 5 - 3 - 2

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	41.6	5.298	930	8
03-05	40.9	5.461	930	13
06-08	42.7	4.894	930	3
09-11	43.9	5.230	929	6
12-14	44.2	5.582	930	3
15-17	43.6	6.003	928	8
18-20	43.2	5.817	927	10
21-23	42.7	5.202	927	6
ALL HOURS	42.8	5.606	7431	57

00-02	46.5	4.394	900	0
03-05	45.5	4.429	900	0
06-08	47.5	4.001	900	0
09-11	48.6	4.409	900	0
12-14	49.0	5.025	900	0
15-17	48.6	5.371	900	0
18-20	47.8	5.328	900	0
21-23	47.5	4.391	900	0
ALL HOURS	47.6	4.870	7200	0

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POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                            MONTH: MAY

| MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F | | | | TOTAL |
LE 27	GE 37	LE 55	GE 65	HOURS
8	735	918	0	930
13	746	922	0	930
3	834	921	0	930
6	865	911	0	929
3	850	905	0	930
8	817	909	0	928
10	811	914	0	927
6	816	918	0	927
57	6524	7318	0	7431

MONTH: JUN

LE 27	GE 37	LE 55	GE 65	HOURS
0	894	895	0	900
0	877	892	0	900
0	896	871	0	900
0	897	841	0	900
0	892	818	0	900
0	889	812	0	900
0	881	826	2	900
0	899	862	0	900
0	7125	6807	2	7200

E - 5 - 3 - 3

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBE LE 27
00-02	50.2	3.905	930	0
03-05	49.1	3.961	929	0
06-08	51.0	3.572	930	0
09-11	52.5	3.581	930	0
12-14	53.3	4.033	930	0
15-17	52.7	4.532	930	0
18-20	52.1	4.445	930	0
21-23	51.6	3.960	930	0
ALL HOURS	51.6	4.230	7439	0

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBE LE 27
00-02	50.6	4.325	930	0
03-05	49.4	4.644	930	0
06-08	51.0	4.281	929	0
09-11	53.3	3.755	928	0
12-14	53.6	4.140	930	0
15-17	53.0	4.657	930	0
18-20	52.5	4.446	930	0
21-23	52.0	4.131	930	0
ALL HOURS	51.9	4.578	7437	0

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POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON	PERIOD OF RECORD:	JUN 78 - MAY 88
	MONTH: JUL	

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL

LE 27	GE 37	LE 55	GE 65	HOURS
0	929	859	0	930
0	927	892	0	929
0	929	842	0	930
0	930	743	1	930
0	930	652	5	930
0	929	682	1	930
0	930	716	0	930
0	929	780	0	930
0	7433	6166	7	7439

MONTH: AUG

LE 27	GE 37	LE 55	GE 65	HOURS
0	929	839	1	930
0	926	846	0	930
0	927	802	1	930
0	928	684	5	930
0	930	618	3	930
0	929	639	4	930
0	929	685	0	930
0	930	772	0	930
0	7428	5884	14	7437

E - 5 - 3 - 6

b

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	47.3	5.602	900	0
03-05	45.1	6.219	900	7
06-08	47.2	5.987	900	5
09-11	50.2	4.672	900	3
12-14	50.2	5.138	900	5
15-17	49.7	5.631	900	5
18-20	49.4	5.330	900	0
21-23	48.4	5.287	900	2
ALL HOURS	48.5	5.735	7200	27

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	40.8	5.886	930	28
03-05	40.2	7.325	930	46
06-08	41.0	7.210	930	40
09-11	44.9	5.404	930	10
12-14	45.6	6.042	930	12
15-17	45.2	6.342	930	18
18-20	44.4	5.937	930	10
21-23	42.4	5.312	930	10
ALL HOURS	43.1	6.823	7440	174

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POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                        MONTH: SEP

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MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
0	861	857	0	900
7	833	865	0	900
5	850	848	0	900
3	893	804	0	900
5	890	788	0	900
5	880	775	0	900
0	884	796	0	900
2	975	833	0	900
27	5357	6568	0	7200

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MONTH: OCT

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28	672	923	0	930
46	631	926	0	930
40	670	925	0	930
10	869	915	0	930
12	873	906	0	930
18	860	908	0	930
10	839	913	0	930
10	766	919	0	930
174	6180	7335	0	7440

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E - 5 - 3 - 5   6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER (LE 27 (
00-02	36.0	9.143	900	143
03-05	35.6	9.254	900	158
06-08	35.3	9.392	900	162
09-11	37.9	8.266	899	95
12-14	39.0	7.743	900	76
15-17	38.8	7.994	900	86
18-20	37.5	8.200	900	103
21-23	36.6	8.855	900	126
ALL HOURS	37.1	8.759	7199	949

00-02	31.9	9.734	930	244
03-05	31.6	9.937	930	252
06-08	31.4	9.868	930	261
09-11	33.2	9.020	930	181
12-14	34.7	9.181	930	120
15-17	34.4	9.533	930	132
18-20	33.2	9.528	930	182
21-23	32.4	9.688	930	209
ALL HOURS	32.9	9.662	7440	1591

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E - 5 - 3 -

POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                             MONTH: NOV

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        MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F   TOTAL
           LE 27   GE 37   LE 55   GE 65   HOURS
....

LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
143	481	900	0	900
158	461	900	0	900
162	460	900	0	900
95	545	899	0	899
76	625	897	0	900
96	630	899	0	900
103	583	898	0	900
126	515	897	0	900
949	4301	7189	0	7189

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                    MONTH: DEC

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LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
244	306	930	0	930
262	296	930	0	930
261	288	930	0	930
181	352	930	0	930
120	425	930	0	930
132	419	930	0	930
182	348	930	0	930
209	313	930	0	930
1591	2747	7440	0	7440

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E - 5 - 3 - 6

OPERATING LOCATION "A"   DEW POINT TEMPERATURE
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UIC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	40.2	9.678	10956	998
03-05	39.5	9.662	10955	1156
06-08	40.3	10.089	10953	1099
09-11	42.5	9.541	10955	644
12-14	43.2	9.517	10959	512
15-17	42.8	9.674	10956	591
18-20	42.1	9.673	10955	700
21-23	41.3	9.672	10956	800
ALL HOURS	41.5	9.772	87646	6510

4 POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

FB WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 83
                              MONTH: ALL

| MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F | | | | TOTAL |
LE 27	GE 37	LE 55	GE 65	HOURS
998	7375	10716	1	10956
1156	7080	10790	0	10955
1099	7343	10642	1	10953
644	8204	10329	5	10955
512	8440	10107	8	10959
591	8320	10152	5	10956
700	8055	10279	2	10956
800	7760	10518	0	10956
6510	62577	83523	23	87646

E - 5 - 3 - 7   B

STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	10%	20%	30%	40%	50%	60%	70%	
00-02	100.0	100.0	99.6	98.4	97.5	94.2	82.5	6
03-05	100.0	100.0	99.6	98.7	98.2	96.2	84.6	6
06-08	100.0	100.0	99.3	98.8	93.6	95.0	94.2	6
09-11	100.0	99.9	93.3	98.6	97.5	94.1	30.4	5
12-14	100.0	99.2	97.6	94.5	91.5	79.7	60.5	3
15-17	100.0	99.2	97.6	93.9	89.6	78.3	51.2	3
18-20	100.0	99.7	98.4	97.5	94.8	87.5	75.1	5
21-23	100.0	100.0	98.9	98.2	97.2	92.0	80.2	6
ALL HOURS	100.0	99.8	98.8	97.3	95.6	89.8	75.1	5

00-02	100.0	100.0	100.0	99.6	96.7	93.5	85.8	5
03-05	100.0	100.0	100.0	100.0	98.5	95.2	88.7	6
06-08	100.0	100.0	100.0	99.9	98.6	97.2	91.8	6
09-11	100.0	100.0	100.0	98.9	96.6	92.1	82.3	5
12-14	100.0	100.0	99.2	95.4	89.4	76.1	55.7	2
15-17	100.0	100.0	97.9	94.5	86.3	71.1	48.9	2
18-20	100.0	100.0	99.1	98.1	94.1	87.6	75.0	4
21-23	100.0	100.0	100.0	98.9	95.9	92.5	86.7	5
ALL HOURS	100.0	100.0	99.5	98.2	94.5	88.1	76.8	4

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NTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
IM HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: JAN

ER THAN OR EQUAL TO

60%	70%	80%	90%	MEAN	TOTAL OBS
94.2	82.5	60.2	23.0	80.3	930
96.2	84.6	61.2	23.0	81.2	930
95.0	84.2	63.3	24.8	81.4	930
94.1	80.4	56.0	13.3	79.2	930
79.7	60.5	35.6	12.5	71.9	930
79.3	51.2	37.0	12.3	71.5	929
87.5	75.1	50.9	17.5	76.9	930
92.0	80.2	58.7	23.8	79.7	930
32.4	75.1	52.3	19.4	79.7	7439

MONTH: FEB

93.5	85.8	59.5	20.9	80.5	846
95.2	88.7	61.6	23.2	81.6	846
97.2	91.8	64.8	20.4	82.2	844
92.1	82.3	51.9	10.8	78.0	849
75.1	55.7	26.6	4.7	69.3	849
71.1	48.9	24.6	7.4	67.8	849
87.6	75.0	43.9	14.3	75.7	849
92.5	86.7	57.7	19.4	80.0	849
88.1	76.8	48.3	15.1	80.0	6781

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

| HOURS | | | RELATIVE HUMIDITY GREATER THAN OR EQUAL | | | | | |
LST	10%	20%	30%	40%	50%	60%	70%	
00-02	100.0	100.0	100.0	100.0	99.7	98.7	89.4	5
03-05	100.0	100.0	100.0	100.0	99.8	99.0	91.2	6
06-08	100.0	100.0	100.0	100.0	99.5	99.0	90.8	6
09-11	100.0	100.0	99.8	99.1	95.8	83.9	62.0	3
12-14	100.0	100.0	98.7	93.2	78.4	52.2	32.9	1
15-17	100.0	99.7	95.9	87.8	68.6	48.1	29.8	1
18-20	100.0	100.0	99.7	96.5	87.4	71.3	51.2	2
21-23	100.0	100.0	100.0	100.0	99.2	94.3	79.5	4
ALL HOURS	100.0	100.0	99.4	97.1	91.1	80.3	65.8	4

00-02	100.0	100.0	100.0	100.0	99.8	98.1	84.6	4
03-05	100.0	100.0	100.0	100.0	100.0	99.9	89.7	5
06-08	100.0	100.0	100.0	100.0	100.0	98.6	87.2	5
09-11	100.0	100.0	99.9	98.9	93.3	72.6	40.0	1
12-14	100.0	100.0	98.3	90.8	70.2	41.4	20.4	
15-17	100.0	100.0	95.3	82.3	56.9	39.3	21.0	1
18-20	100.0	100.0	98.4	92.3	77.1	55.3	35.3	1
21-23	100.0	100.0	100.0	99.6	97.0	86.3	62.7	3
ALL HOURS	100.0	100.0	99.0	95.5	86.8	73.9	55.1	3

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PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

D AFB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: MAR

GREATER THAN OR EQUAL TO

%	50%	70%	80%	90%	MEAN	TOTAL OBS
9	98.7	83.4	59.0	16.6	81.4	930
8	99.0	91.2	63.2	21.1	82.5	930
5	99.0	90.8	62.8	19.1	82.2	930
8	83.9	62.0	34.5	9.5	73.0	930
4	52.2	32.9	15.2	2.7	61.8	930
5	48.1	29.8	15.2	4.6	59.4	930
4	71.3	51.2	28.1	7.3	68.5	930
2	94.3	79.5	48.4	11.5	78.1	930
1	80.3	55.8	40.8	11.5	78.1	7440

MONTH: APR

%	50%	70%	80%	90%	MEAN	TOTAL OBS
.3	93.1	84.6	47.1	11.0	78.8	900
.0	99.9	89.7	56.8	15.2	81.2	900
.0	94.6	87.2	51.7	12.6	79.8	900
.3	72.6	40.0	15.3	4.2	67.0	900
.2	41.4	20.4	8.9	2.1	57.6	900
.9	39.3	21.0	11.6	2.1	55.3	900
.1	55.3	35.3	17.4	3.8	62.5	900
.0	86.3	52.7	33.1	7.3	73.2	900
.3	73.9	55.1	30.4	7.3	73.2	1200

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                           LST TO UTC: + 8

HOURS				RELATIVE HUMIDITY GREATER THAN OR EQUAL TO				
LST	10%	20%	30%	40%	50%	60%	70%	80%
00-02	100.0	100.0	100.0	100.0	99.7	95.2	75.4	49.2
03-05	100.0	100.0	100.0	100.0	99.9	98.1	82.8	57.2
06-08	100.0	100.0	100.0	100.0	99.6	93.4	71.5	45.1
09-11	100.0	100.0	100.0	98.8	89.5	56.7	33.3	14.7
12-14	100.0	100.0	98.4	91.0	69.0	41.0	19.2	8.5
15-17	100.0	99.5	95.4	81.5	58.9	35.0	18.2	8.0
18-20	100.0	99.9	98.1	90.4	73.1	51.5	28.3	14.8
21-23	100.0	100.0	100.0	99.6	95.1	79.6	53.7	31.0
ALL HOURS	100.0	99.9	99.0	95.2	85.6	70.1	47.7	28.6

00-02	100.0	100.0	100.0	100.0	99.4	96.2	79.6	48.4
03-05	100.0	100.0	100.0	99.8	99.7	98.0	89.6	63.1
06-08	100.0	100.0	100.0	99.8	99.4	94.7	74.9	45.1
09-11	100.0	100.0	99.7	97.2	89.4	65.8	33.6	14.3
12-14	100.0	99.8	97.3	88.1	68.3	41.0	19.4	7.9
15-17	100.0	99.2	93.8	80.9	58.4	33.3	16.8	9.2
18-20	100.0	99.7	96.1	85.8	68.9	46.2	22.2	11.4
21-23	100.0	100.0	100.0	99.2	93.3	79.2	51.7	25.8
ALL HOURS	100.0	99.3	98.4	93.8	84.5	69.3	48.5	29.2

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INTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
ROM HOURLY OBSERVATIONS

B WASHINGTON			PERIOD OF RECORD:	JUN 78 - MAY 88		

MONTH: MAY

ER THAN OR EQUAL TO

50%	70%	80%	90%	MEAN	TOTAL OBS
95.2	75.4	49.2	13.2	77.9	930
95.1	92.9	57.2	20.1	80.6	930
93.4	71.5	45.1	10.6	76.6	930
56.7	33.3	14.7	2.3	65.0	929
41.0	18.2	3.5	1.2	57.1	930
35.0	18.2	3.0	1.9	54.4	928
51.5	28.3	14.3	3.5	60.3	927
79.6	53.7	31.0	7.4	71.3	927
70.1	47.7	28.6	7.6	71.3	7431

MONTH: JUN

96.2	79.6	48.4	11.3	78.2	900
98.0	89.6	63.1	17.9	81.4	900
94.7	74.9	45.1	8.7	76.7	900
65.9	33.6	14.3	2.3	64.6	900
41.0	19.4	7.9	1.7	56.8	900
33.3	16.9	9.2	2.1	53.7	900
46.2	22.2	11.4	3.0	57.7	900
79.2	51.7	25.8	6.4	70.1	900
69.3	48.5	29.2	6.7	70.1	7200

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB SHINGTON
LST TO UTC: + 8

| HOURS | | | | RELATIVE HUMIDITY G EATER THAN OR EQUAL | | | |
LST	10%	20%	30%	40%	50%	60%	70%	8
00-02	100.0	100.0	100.0	99.9	99.4	96.9	85.5	54
03-05	100.0	100.0	99.8	99.7	99.7	99.0	94.2	70
06-08	100.0	100.0	100.0	99.9	99.8	97.7	85.4	54
09-11	100.0	100.0	100.0	99.6	93.2	71.3	33.5	14
12-14	100.0	100.0	99.1	91.7	72.2	41.7	17.8	5
15-17	100.0	99.7	95.5	81.7	56.9	31.3	14.2	4
18-20	100.0	99.9	97.0	88.6	70.4	44.1	23.4	8
21-23	100.0	100.0	100.0	99.0	95.1	83.1	59.4	29
ALL HOURS	100.0	99.3	98.9	95.0	85.8	70.5	52.3	30

00-02	100.0	100.0	100.0	100.0	99.7	96.9	84.5	52
03-05	100.0	100.0	100.0	100.0	100.0	98.9	91.7	69
06-08	100.0	100.0	100.0	100.0	100.0	98.3	87.9	60
09-11	100.0	100.0	100.0	99.4	92.0	71.7	41.3	16
12-14	100.0	100.0	98.5	90.2	64.7	35.1	14.6	5
15-17	100.0	100.0	94.6	75.7	46.8	24.7	12.3	6
18-20	100.0	100.0	98.3	89.1	67.7	42.4	22.6	9
21-23	100.0	100.0	100.0	99.5	95.3	83.4	57.8	23
ALL HOURS	100.0	100.0	98.9	94.2	83.4	68.3	51.6	30

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B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                      MONTH: JUL

· ·
TER THAN OR EQUAL TO

50%	70%	80%	90%	MEAN	TOTAL OBS
96.9	85.5	54.9	13.7	79.3	930
99.0	94.2	70.2	25.0	83.4	929
97.7	85.4	54.1	15.5	79.7	930
71.3	33.5	14.6	3.4	66.5	930
41.7	17.8	5.7	1.3	57.3	930
31.3	14.2	4.0	1.5	52.7	930
44.1	23.4	8.6	2.7	57.9	930
83.1	59.4	29.0	5.5	71.3	930
72.5	52.3	30.0	8.6	71.3	7439

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MONTH: AUG

50%	70%	80%	90%	MEAN	TOTAL OBS
96.9	84.6	52.5	10.2	78.8	930
93.9	91.7	69.7	24.4	82.9	930
98.3	97.9	60.9	18.3	80.9	929
71.7	41.3	16.2	4.2	66.8	928
35.1	14.6	5.1	1.7	55.4	930
24.7	12.3	6.0	1.3	50.7	930
42.4	22.6	9.0	2.8	57.4	930
83.4	57.3	23.1	5.5	70.8	930
58.3	51.6	30.3	3.6	70.9	7437

B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							
LST	10%	20%	30%	40%	50%	60%	70%	30
00-02	100.0	100.0	100.0	100.0	100.0	99.6	91.3	65.
03-05	100.0	100.0	100.0	100.0	100.0	99.9	95.2	71.
06-08	100.0	100.0	100.0	100.0	100.0	99.3	94.4	69.
09-11	100.0	100.0	99.4	98.7	95.4	81.4	54.1	25.
12-14	100.0	99.6	97.4	93.4	76.0	47.1	22.2	9.
15-17	100.0	99.8	96.0	86.6	64.4	39.3	21.2	11.
18-20	100.0	100.0	99.3	96.3	87.1	68.9	42.7	23.
21-23	100.0	100.0	100.0	99.8	93.9	93.2	77.0	47.
ALL HOURS	100.0	99.3	99.0	96.8	90.2	73.7	52.3	40.

00-02	100.0	100.0	100.0	100.0	99.7	99.4	92.2	60.
03-05	100.0	100.0	100.0	99.6	99.6	98.9	92.8	55.
06-08	100.0	100.0	100.0	99.9	99.7	99.2	93.9	65.
09-11	100.0	100.0	99.8	98.5	96.8	89.4	67.7	41.
12-14	100.0	99.6	97.6	94.1	86.8	64.4	37.5	19.
15-17	100.0	99.6	97.5	93.8	84.6	58.3	33.9	15.
18-20	100.0	100.0	99.9	99.0	96.9	90.5	66.3	37.
21-23	100.0	100.0	100.0	100.0	99.8	97.6	88.1	55.
ALL HOURS	100.0	99.9	99.4	98.1	95.5	87.2	71.5	45.

A

AGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                     MONTH: SEP
....
THAN OR EQUAL TO

70%	30%	90%	MEAN	TOTAL OBS
91.3	65.2	14.6	81.4	900
95.2	71.0	19.4	83.0	900
94.4	69.4	18.9	82.7	900
54.1	25.1	5.1	70.2	900
22.2	9.0	2.9	59.1	900
21.2	11.9	2.7	55.7	900
42.7	23.4	5.7	66.6	900
77.0	47.9	9.3	76.8	900
52.3	40.4	9.8	75.3	7200

....
                     MONTH: OCT
....

92.2	60.3	18.3	81.8	930
92.8	55.4	20.8	82.4	930
93.9	65.9	22.8	83.0	930
57.7	41.7	14.6	75.7	930
37.5	19.1	5.6	65.0	930
33.9	15.6	4.2	63.2	930
66.3	37.4	10.0	74.5	930
88.1	55.8	16.8	80.5	930
71.5	45.2	14.1	80.5	7440

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STATION NUMBER: 742050   STATION NAME: MCCHORD AFB WASHINGTON
                            LST 10 UTC: + 8

| HOURS | | | | RELATIVE HUMIDITY GREATER THAN OR EQUAL T | | | |
LST	10%	20%	30%	40%	50%	60%	70%	8
00-02	100.0	100.0	100.0	99.8	99.1	96.9	91.6	67
03-05	100.0	100.0	100.0	99.7	98.8	97.1	91.8	63
06-08	100.0	100.0	99.9	99.7	98.7	97.2	92.0	68
09-11	100.0	100.0	100.0	99.1	98.2	95.1	84.6	57
12-14	100.0	100.0	99.6	97.6	94.6	82.7	61.1	32
15-17	100.0	100.0	99.6	97.8	94.4	85.6	65.4	35
18-20	100.0	100.0	100.0	99.6	98.0	94.0	85.3	57
21-23	100.0	100.0	100.0	99.7	99.3	96.4	89.9	62
ALL HOURS	100.0	100.0	99.9	99.1	97.6	93.1	82.7	54

00-02	100.0	100.0	99.8	98.8	96.8	93.1	84.5	53
03-05	100.0	100.0	99.8	99.8	97.5	94.3	84.7	60
06-08	100.0	100.0	99.7	99.7	97.3	94.2	86.2	61
09-11	100.0	100.0	99.9	99.2	96.7	92.4	82.2	56
12-14	100.0	100.0	98.6	95.7	92.2	84.2	66.8	36
15-17	100.0	100.0	98.0	95.5	92.0	84.9	69.6	39
18-20	100.0	100.0	98.8	97.4	94.3	89.4	80.5	54
21-23	100.0	100.0	99.6	98.0	96.1	91.3	81.9	57
ALL HOURS	100.0	100.0	99.3	98.0	95.4	90.5	79.6	53

A

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                    MONTH: NOV

. . . .

TER THAN OR EQUAL TO

60%	70%	80%	90%	MEAN	TOTAL OBS
96.9	91.6	67.8	21.1	82.5	900
97.1	91.8	68.6	22.9	82.9	900
97.2	92.0	68.9	25.7	83.0	900
96.1	84.6	57.0	17.0	79.7	899
82.7	61.1	32.0	3.4	72.4	900
85.6	65.4	35.3	10.6	73.5	900
94.0	85.3	57.0	15.3	79.7	900
96.4	89.9	62.2	19.3	81.7	900
93.1	82.7	56.1	17.5	81.7	7199

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MONTH: DEC

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60%	70%	80%	90%	MEAN	TOTAL OBS
93.1	84.5	58.9	24.4	80.4	930
94.3	84.7	60.0	25.2	81.1	930
94.2	86.2	61.6	21.8	81.1	930
92.4	82.2	56.0	19.1	79.3	930
84.2	66.8	36.8	12.0	73.4	930
84.9	69.6	39.6	12.4	74.0	930
89.4	80.5	54.8	21.5	78.5	930
91.3	81.9	57.3	24.8	79.8	930
90.5	79.6	53.1	20.2	79.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY D
FROM HOURLY OBSERVA

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	10%	20%	30%	40%	50%	60%	70%	
00-02	100.0	100.0	99.9	99.7	99.0	96.5	85.6	5
03-05	100.0	100.0	99.9	99.8	99.3	97.3	89.7	6
05-08	100.0	100.0	99.9	99.8	99.3	97.1	86.6	5
09-11	100.0	100.0	99.8	98.8	94.5	81.3	53.2	3
12-14	100.0	99.8	98.4	93.0	79.4	57.1	35.5	1
15-17	100.0	99.7	96.5	87.6	71.4	52.4	34.3	1
18-20	100.0	99.9	98.6	94.2	84.1	69.0	50.5	2
21-23	100.0	100.0	99.9	99.3	97.0	89.1	72.3	4
ALL HOURS	100.0	99.9	99.1	96.5	90.5	80.1	64.1	4

B

CENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
IN HOURLY OBSERVATIONS

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                     MONTH: ALL

....

GREATER THAN OR EQUAL TO
60%	70%	80%	90%	MEAN	TOTAL OBS
76.5	66.6	56.9	15.5	80.1	10956
77.2	69.7	64.0	21.5	82.0	10955
77.1	66.6	59.4	13.3	80.8	10953
61.3	53.2	33.1	9.3	72.0	10955
57.1	35.5	17.5	4.7	63.1	10959
52.4	34.3	18.1	5.2	61.0	10956
59.0	50.6	29.7	9.9	69.0	10956
89.1	72.3	44.0	13.1	76.1	10956
80.1	54.1	40.3	12.2	72.9	87646

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PPPPPPP            AAAAAA          RRRRRRRR        IIIIIIIIII              FFFFFFFFF
PPPPPPPP          AAAAAAAA         RRRRRRRR        TTTTTTTTTT              FFFFFFFFF
PP     PP        AA      AA        RR     RR           II                 FF
PP     PP        AA      AA        RR     RR           TT                 FF
PPPPPPPP         AA      AA        RRRRRRRR            II                 FFFFFF
PPPPPPP         AAAAAAAAAA         RRRRRRR             TT                 FFFFFF
PP             AAAAAAAAAA          RR    RR            II                 FF
PP              AA      AA         RR    RR            TT                 FF
PP              AA      AA         RR    RR            II                 FF
PP              AA      AA         RR     RR           TT                 FF
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F - 1 - 1

P   B

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARI

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.
IN MILLIBARS. TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATIC
COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.
IN INCHES OF MERCURY (HG). TABLES GIVE MEANS, STANDARD DEVIATIONS, AND
TOTAL OBSERVATION COUNTS.

STATION PRESSURE.
IN INCHES OF MERCURY (HG). TABLES GIVE MEANS, STANDARD DEVIATIONS AND
TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

F - 1 - 2

SEA LEVEL PRESSURE IN M
FROM HOURLY OBSERVAT

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON   P
LST TO UTC: + 8

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL
0100	MEAN	1019.0	1015.8	1016.4	1017.7	1017.8	1017.8	1017.8
	SD	9.658	9.424	8.474	6.805	5.055	4.430	3.365
	TOT OBS	310	283	310	300	310	300	310
0400	MEAN	1019.1	1016.5	1016.2	1017.6	1017.7	1017.9	1018.0
	SD	9.635	9.514	8.537	6.754	5.143	4.559	3.400
	TOT OBS	310	283	310	300	309	300	310
0700	MEAN	1019.0	1016.7	1016.6	1018.0	1018.2	1018.4	1018.6
	SD	9.611	9.494	8.617	6.851	5.218	4.636	3.459
	TOT OBS	310	283	310	300	310	300	310
1000	MEAN	1019.7	1017.3	1017.1	1018.2	1018.2	1018.3	1018.6
	SD	9.523	9.412	8.547	6.808	5.166	4.515	3.427
	TOT OBS	310	283	310	300	310	300	310
1300	MEAN	1019.3	1016.8	1016.5	1017.5	1017.7	1017.9	1018.1
	SD	9.317	9.255	8.294	6.748	5.139	4.503	3.474
	TOT OBS	310	283	310	300	310	300	310
1600	MEAN	1018.5	1016.3	1015.7	1016.7	1017.0	1017.3	1017.3
	SD	9.321	9.152	8.148	6.714	5.056	4.445	3.484
	TOT OBS	309	283	310	300	309	299	310
1900	MEAN	1018.7	1016.4	1015.9	1016.6	1017.0	1017.1	1017.1
	SD	9.385	9.155	8.075	6.658	4.922	4.391	3.350
	TOT OBS	310	283	310	300	309	300	310
2200	MEAN	1018.9	1015.7	1016.5	1017.4	1017.4	1017.7	1017.8
	SD	9.532	9.257	8.230	6.743	4.929	4.375	3.285
	TOT OBS	310	283	310	300	309	300	310
ALL HOURS	MEAN	1019.0	1016.7	1016.4	1017.4	1017.7	1017.8	1017.9
	SD	9.513	9.338	8.383	6.781	5.098	4.515	3.445
	TOT OBS	2479	2264	2480	2400	2475	2399	2480

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SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 83

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
017.3	1017.8	1017.8	1017.0	1017.0	1013.5	1017.0	1018.5	1017.6
5.055	4.430	3.365	3.546	5.001	6.865	9.037	9.544	7.192
310	300	310	310	300	310	300	310	3653
017.7	1017.9	1018.0	1017.2	1017.0	1013.4	1015.8	1018.6	1017.5
5.143	4.559	3.400	3.532	5.072	6.874	9.365	9.517	7.250
309	300	310	310	300	310	300	310	3652
019.2	1018.4	1018.6	1017.9	1017.6	1013.5	1016.8	1018.7	1017.9
5.218	4.636	3.459	3.656	5.220	7.001	9.585	9.442	7.304
310	300	310	310	300	310	300	310	3653
018.2	1017.3	1018.6	1017.9	1017.8	1019.1	1017.4	1019.5	1018.3
5.155	4.515	3.427	3.543	5.331	7.069	9.537	9.563	7.292
310	300	310	310	300	310	300	310	3653
017.7	1017.9	1018.1	1017.2	1017.1	1013.4	1015.8	1018.7	1017.6
5.139	4.503	3.474	3.602	5.228	6.329	9.138	9.634	7.155
310	300	310	310	300	310	300	310	3653
017.0	1017.3	1017.3	1016.3	1016.4	1017.8	1016.5	1019.5	1017.0
5.055	4.445	3.434	3.576	5.037	6.686	8.795	9.728	7.073
309	299	310	310	300	310	300	310	3650
017.0	1017.1	1017.1	1016.0	1016.5	1019.0	1016.6	1018.6	1017.0
4.922	4.391	3.350	3.525	4.931	6.714	8.935	9.732	7.061
309	300	310	309	300	310	300	310	3651
017.4	1017.7	1017.8	1015.7	1017.0	1019.3	1016.7	1018.8	1017.5
4.923	4.375	3.235	3.538	4.924	6.335	8.962	9.768	7.126
309	300	310	310	300	310	300	310	3652
017.7	1017.8	1017.9	1017.0	1017.0	1013.4	1016.8	1018.7	1017.6
5.093	4.515	3.445	3.549	5.113	6.871	9.165	9.634	7.195
2475	2399	2480	2479	2400	2480	2400	2480	29217

OPERATING LOCATION "A"   ALTIMETER SETTING I
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERV

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                            LST TO UTC: + 8

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JU
0100	MEAN	30.08	30.02	30.01	30.05	30.05	30.06	30.
	SD	.284	.276	.249	.199	.148	.130	.0
	TOT OBS	310	283	310	300	310	300	3
0400	MEAN	30.08	30.01	30.00	30.05	30.05	30.06	30.
	SD	.283	.279	.254	.138	.151	.133	.1
	TOT OBS	310	283	310	300	309	300	3
0700	MEAN	30.08	30.01	30.01	30.06	30.06	30.07	30.
	SD	.283	.279	.253	.200	.153	.135	.1
	TOT OBS	310	283	310	300	310	300	3
1000	MEAN	30.10	30.03	30.03	30.06	30.06	30.07	30.
	SD	.279	.276	.251	.200	.151	.136	.1
	TOT OBS	310	283	310	300	310	300	:
1300	MEAN	30.08	30.02	30.01	30.04	30.05	30.06	30.
	SD	.275	.271	.244	.198	.151	.132	.1
	TOT OBS	310	283	310	300	310	300	:
1600	MEAN	30.07	30.00	29.99	30.02	30.03	30.04	30.
	SD	.273	.268	.240	.197	.148	.130	.:
	TOT OBS	310	283	310	300	309	299	:
1900	MEAN	30.07	30.01	30.00	30.01	30.03	30.03	30.
	SD	.275	.269	.238	.195	.145	.128	.1
	TOT OBS	310	283	310	300	309	300	:
2200	MEAN	30.08	30.02	30.01	30.04	30.05	30.05	30
	SD	.273	.272	.242	.198	.144	.128	.
	TOT OBS	310	283	310	300	309	300	:
ALL HOURS	MEAN	30.08	30.02	30.01	30.04	30.05	30.06	30
	SD	.279	.274	.247	.199	.149	.132	.
	TOT OBS	2430	2264	2480	2400	2476	2399	2

B WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
30.05	30.06	30.06	30.03	30.03	30.07	30.03	30.07	30.05
.143	.130	.099	.104	.147	.202	.266	.282	.211
310	300	310	310	300	310	300	310	3653
30.05	30.06	30.05	30.04	30.03	30.07	30.02	30.07	30.05
.151	.133	.100	.105	.149	.203	.275	.279	.213
309	300	310	310	300	310	300	310	3652
30.06	30.07	30.08	30.06	30.05	30.08	30.02	30.07	30.06
.153	.135	.101	.107	.153	.205	.281	.277	.214
310	300	310	310	300	310	300	310	3653
30.05	30.07	30.08	30.06	30.05	30.09	30.04	30.10	30.07
.151	.136	.101	.106	.156	.208	.281	.280	.214
310	300	310	310	300	310	300	310	3653
30.05	30.06	30.07	30.04	30.04	30.07	30.02	30.07	30.05
.151	.132	.101	.105	.154	.200	.263	.283	.210
310	300	310	310	300	310	300	310	3653
30.03	30.04	30.04	30.01	30.01	30.05	30.01	30.07	30.03
.143	.130	.102	.104	.148	.196	.259	.285	.203
309	299	310	310	300	310	300	310	3651
30.03	30.03	30.03	30.00	30.02	30.06	30.01	30.07	30.03
.145	.128	.093	.104	.144	.197	.259	.285	.207
309	300	310	310	300	310	300	310	3652
30.05	30.05	30.06	30.02	30.03	30.07	30.02	30.08	30.04
.143	.128	.096	.105	.144	.201	.263	.285	.209
309	300	310	310	30	310	300	310	3652
30.05	30.06	30.06	30.03	30.03	30.07	30.02	30.08	30.05
.149	.132	.101	.107	.150	.202	.269	.282	.211
2475	2399	2480	2480	2400	2480	2400	2480	29219

OPERATING LOCATION "A"   STATION PRESSURE
USAFETAC, ASHEVILLE NC   FROM HOURLY OBS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                              LST TO UTC: + 8

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JL
0100	MEAN	29.73	29.67	29.66	29.70	29.70	29.71	29.
	SD	.281	.274	.248	.198	.147	.129	.C
	TOT OBS	310	283	310	300	310	300	3
0400	MEAN	29.73	29.66	29.65	29.70	29.70	29.71	29.
	SD	.230	.277	.253	.197	.150	.133	.C
	TOT OBS	310	283	310	300	309	300	3
0700	MEAN	29.73	29.66	29.65	29.71	29.71	29.72	29.
	SD	.230	.277	.252	.199	.152	.136	.2
	TOT OBS	310	283	310	300	310	300	3
1000	MEAN	29.75	29.68	29.68	29.71	29.71	29.72	29
	SD	.276	.274	.250	.199	.150	.135	.
	TOT OBS	310	283	310	300	310	300	3
1300	MEAN	29.73	29.67	29.66	29.69	29.70	29.71	29
	SD	.273	.269	.243	.197	.150	.132	.
	TOT OBS	310	283	310	300	310	300	3
1600	MEAN	29.72	29.65	29.64	29.67	29.68	29.69	29
	SD	.271	.267	.239	.196	.148	.130	.
	TOT OBS	310	283	310	300	309	299	3
1900	MEAN	29.72	29.66	29.65	29.66	29.68	29.68	29
	SD	.273	.267	.237	.195	.144	.128	.
	TOT OBS	310	283	310	300	309	300	3
2200	MEAN	29.73	29.66	29.66	29.69	29.70	29.70	29
	SD	.276	.270	.241	.196	.144	.128	.
	TOT OBS	310	283	310	300	309	300	3
ALL HOURS	MEAN	29.73	29.67	29.66	29.69	29.70	29.70	29
	SD	.276	.272	.245	.198	.149	.132	.
	TOT OBS	2430	2264	2480	2400	2476	2399	2

θ

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

FB WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
29.70	29.71	29.71	29.68	29.68	29.72	29.67	29.72	29.70
.147	.129	.098	.104	.147	.200	.264	.280	.210
310	300	310	310	300	310	300	310	3653
29.70	29.71	29.71	29.69	29.68	29.72	29.67	29.72	29.70
.150	.133	.093	.105	.149	.201	.274	.276	.212
300	300	310	310	300	310	300	310	3652
29.71	29.72	29.73	29.71	29.70	29.73	29.67	29.72	29.70
.152	.136	.101	.107	.152	.204	.279	.274	.213
310	300	310	310	300	310	300	310	3653
29.71	29.72	29.73	29.71	29.70	29.74	29.69	29.75	29.71
.150	.135	.100	.105	.156	.205	.278	.277	.212
310	300	310	310	300	310	300	310	3653
29.70	29.71	29.72	29.69	29.69	29.72	29.67	29.72	29.70
.150	.132	.101	.105	.154	.199	.265	.280	.209
310	300	310	310	300	310	300	310	3653
29.68	29.69	29.69	29.66	29.66	29.70	29.66	29.72	29.68
.143	.130	.102	.104	.148	.195	.257	.283	.205
300	299	310	310	300	310	300	310	3651
29.55	29.68	29.68	29.65	29.67	29.71	29.66	29.72	29.68
.144	.128	.098	.104	.144	.196	.258	.283	.206
300	300	310	310	300	310	300	310	3652
29.70	29.70	29.71	29.67	29.68	29.72	29.67	29.72	29.69
.144	.128	.096	.105	.144	.199	.261	.234	.208
300	300	310	310	300	310	300	310	3652
29.70	29.70	29.71	29.68	29.68	29.72	29.67	29.72	29.69
.149	.132	.101	.107	.150	.201	.268	.280	.210
2476	2399	2480	2480	2400	2480	2400	2480	29219

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PPPPPPP        AAAAAA      RRRRRRRR      IIIIIIII
PPPPPPPPP      AAAAAAAA    RRRRRRRRR     TTTTTTTT
PP      PP     AA    AA    RR      RR        II
PP      PP     AA    AA    RR      RR        TT
PPPPPPPPP      AA    AA    RRRRRRRRR         II
PPPPPPPP       AAAAAAAAAA  RRRRRRRR          TT
PP             AAAAAAAAAA  RR    RR          II
PP             AA    AA    RR      RR        TT
PP             AA    AA    RR      RR        TT
PP             AA    AA    RR       RR       TT
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G - 1 - 1

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RRRRRR          IIIIIIIIII                  GGGGGG
RRRRRRR         TTTTTTTTTT                 GGGGGGGG
R     RR            II                    GG       GG
R      RR           TT                       G
RRRRRRR             II                    GG
RRRRRRR             TT                    GG    GGGG
R     RR            II                    GG    GGGG
R      RR           TT                    GG      GG
R      RR           II                    GGGGGGGG
R      RR           TT                     GGGGGG
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G - 1 - 1

B

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.
THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPE FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

A   B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATI

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (

CATEGORY B: HIGHEST WINDS REPORTED WITH

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				950				933
CATEGORY B	.3			1284	.2	.1		1305

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.1		930				930
CATEGORY B	1.8	.5	.1	1308		.8	.2	1194

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		4650
CATEGORY B	1.1	.3	.0	5353

A

G - 2 - 1

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-340

ASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                             MONTH: JAN
. . . .

G OR VISIBILITY (HOURLY OBS ONLY)

NOS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
. . . .

300 - 0500			0600 - 0800				0900 - 1100			
0 GE25	OBS	GE15	GE20	GE25	OBS		GE15	GE20	GE25	OBS
	930	.1			930		.3			930
1	1305	.8	.2		1297		1.2	.5	.2	1321

. . . .

500 - 1700			1800 - 2000				2100 - 2300			
0 GE25	OBS	GE15	GE20	GE25	OBS		GE15	GE20	GE25	OBS
	930	.1	.1		930		.3	.3	.1	930
2	1194	.7	.2		1233		.9	.5	.4	1278

. . . .

00	ALL HOURS			
5 OBS	GE15	GE20	GE25	OBS
4650	.1	.1	.0	7440
0 5353	.9	.3	.1	10221

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATION

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                        LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HI
CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.1		349	.5	.2		349
CATEGORY B	.7	.5	.4	1126	.5	.4	.2	1136

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			349	.2			349
CATEGORY B	2.4	.5	.1	1129	1.8	.5	.1	1067

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.2			4245
CATEGORY B	1.3	.4	.1	5637

A   G - 2 - 2

MAGNETIC RUNWAY HEADING: 160-340

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                              MONTH: FEB

• •

ING OR VISIBILITY (HOURLY OBS ONLY)

WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

• •

0300 - 0500			0600 - 0800				0900 - 1100			
E20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
.2		849	.2			849	.1			849
.4	.2	1136	.5	.2	.2	1250	1.1	.5	.2	1193

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1500 - 1700			1800 - 2000				2100 - 2300			
E20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		849	.1			849				849
.5	.1	1067	.3	.1		1043	.7	.1	.1	1090

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2300		ALL HOURS			
E25	OBS	GE15	GE20	GE25	OBS
	4245	.2	.0		6792
.1	5687	1.1	.4	.1	9039

G - 2 - 2

B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

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CATEGORY A: ANY CEILING OR VISIBILITY (HOU

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A				930	.1			930	
CATEGORY B	.3			1136	.4	.2		1220	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A	.5			930	.6	.1		930	
CATEGORY B	3.6	1.6	.2	1218	3.8	1.1	.3	1171	

TIME (LST)	0900 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		4650
CATEGORY B	2.0	.7	.1	6046

MAGNETIC RUNWAY HEADING: 160-340

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 86
                     MONTH: MAR

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G OR VISIBILITY (HOURLY OBS ONLY)

INOS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

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0300 - 0500				0600 - 0800				0900 - 1100			
20	GE25	OBS		GE15	GE20	GE25	OBS		GE15	GE20	GE25	OBS
		930					930		.4			930
.2		1222		.1			1230		1.4	.4		1254

....

1500 - 1700				1800 - 2000				2100 - 2300			
20	GE25	OBS		GE15	GE20	GE25	OBS		GE15	GE20	GE25	OBS
1		930		.1	.1		930					930
.1	.3	1171		.9	.3		1123		.4	.2		1074

....
....

00			ALL HOURS			
25	OBS		GE15	GE20	GE25	OBS
	4650			.2	.0	7440
.1	6045		1.4	.5	.1	9478

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (NO

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A				900				900	
CATEGORY B	.1			1030	.1	.1	.1	1154	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A	.9	.1		900	.9	.1		900	
CATEGORY B	4.4	1.7	.2	1131	4.9	1.6	.4	1120	

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		4500
CATEGORY B	2.4	.9	.2	5611

B   G - 2 - 4

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON
PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: APR

••

G OR VISIBILITY (HOURLY OBS ONLY)

NDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

••

300 - 0500			0600 - 0800				0900 - 1100			
0	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		900				900				900
1	.1	1154		.3	.1	1147	1.7	.6	.1	1131

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900 - 1700			1800 - 2000				2100 - 2300			
0	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
1		900	.3			900	.1			900
5	.4	1120	.7	.4	.3	1082	.2	.1		1031

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▲▲

00		ALL HOURS				
5	OBS		GE15	GE20	GE25	OBS
	4500		.3	.0		7200
.2	5611		1.6	.6	.1	8826

G - 2 - 4   B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOU

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930				930	
CATEGORY B	.1	.1		1052				1129	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A	.9			930	.9	.1		928	
CATEGORY B	2.6	1.3	.2	1127	3.5	1.3	.1	1128	

TIME (LST)					0600 - 2000				
SPEED KTS					GE15	GE20	GE25	OBS	
CATEGORY A					.5	.0		4645	
CATEGORY B					1.8	.7	.1	5648	

P

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                                   MONTH: MAY

• •

G OR VISIBILITY (HOURLY OBS ONLY)

NOS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

• •

300 - 0500			0600 - 0800				0900 - 1100			
GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
	930				930	.4			930
	1129	.2		.1	1152	1.4	.5	.1	1173

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600 - 1700			1800 - 2000				2100 - 2300			
GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
	928	.2			927				927
.1	1128	1.1	.2		1063	.1			1032

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000		ALL HOURS			
25	OBS	GE15	GE20	GE25	OBS
	4545	.3	.0		7432
.1	5548	1.2	.5	.0	8351

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOUR

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G!
CATEGORY A				900				900	
CATEGORY B				1028				1043	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A	.1			900	.2			900	
CATEGORY B	1.8	.3	.1	1093	1.5	.2	.1	1048	

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.1			4500
CATEGORY B	.9	.1	.0	5273

NCY OF OCCURRENCE OF CROSSWINDS
M HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                              MONTH: JUN

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NG OR VISIBILITY (HOU   OBS ONLY)

INDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

• •

0300 - 0500				0600 - 0800				0900 - 1100			
20	GE25	OBS		GE15	GE20	GE25	OBS		GE15	GE20	GE25	OBS
		900					900					900
		1083					1080			.7	.1	1074

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1500 - 1700				1800 - 2000				2100 - 2300			
20	GE25	OBS		GE15	GE20	GE25	OBS		GE15	GE20	GE25	OBS
		900					900					900
.2	.1	1043		.3			988					979

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000		ALL HOURS				
25	OBS		GE15	GE20	GE25	OBS
	4500			.0		7200
.0	5273			.6	.1	.0	8363

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOU

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930
CATEGORY B				1012				1157

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.1			930
CATEGORY B	.2			1047	1.4	.4		1017

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4550
CATEGORY B	.5	.1		5354

A   G - 2 - 7

...CY OF OCCURRENCE OF CROSSWINDS
* HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

WASHINGTON

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL

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...O. VISIBILITY (HOURLY OBS ONLY)

...DS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
....

0300 - 0500			0600 - 0800				0900 - 1100			
20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930				930				930
		1157				1193	.3			1103

....

1500 - 1700			1800 - 2000				2100 - 2300			
20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930				930				930
.4		1017	.2			1004				996

....
....

000		ALL HOURS				
25	OBS	GE15	GE20	GE25	OBS	
	4650		.0		7440	
	6354		.3	.0	8519	

G - 2 - 7   B

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOU
CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930				930	
CATEGORY B				1022				1177	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930				930	
CATEGORY B	.6			1025	1.1	.1		1012	

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A				4550
CATEGORY B	.3	.0		5379

A

MAGNETIC RUNWAY HEADING: 160-340

.SHINGTON   PERIOD OF RECORD: JUN 78 - MAY 82
                             MONTH: AUG

. . . .

. OR VISIBILITY (HOURLY OBS ONLY)

.OS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

. . . .

300 - 0500				0600 - 0800				0900 - 1100			
GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
	930				930				930
	1177				1225				1115

. . . .

900 - 1700				1800 - 2000				2100 - 2300			
GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
	930				930				930
1012	.1			1002	.1				933

. . . .

	ALL HOURS			
.5	OBS	GE15	GE20	GE25	OBS
4550				7440
5379		.2	.0	8561

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (NO

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900
CATEGORY B	.2			1076				1235

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			900				900
CATEGORY B	1.0	.3		1071	1.4			1073

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4500
CATEGORY B	.7	.1		5589

A

MAGNETIC RUNWAY HEADING: 160-340

WASHINGTON   PERIOD OF RECORD: JUN 78 - MAY 88
                              MONTH: SEP

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JS OR VISIBILITY (HOURLY OBS ONLY)

INDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
....

0300 - 0500				0600 - 0800				0900 - 1100			
20	GE25	OBS		GE15	GE20	GE25	OBS		GE15	GE20	GE25	OBS
	900					900						900
	1235					1253	.6					1158

....

1500 - 1700				1800 - 2000				2100 - 2300			
20	GE25	OBS		GE15	GE20	GE25	OBS		GE15	GE20	GE25	OBS
	900					900						900
	1073	.4				1034	.2					1017

....

000		ALL HOURS		
25	OBS	GE15	GE20	GE25	OBS
4500		.0		7200
5089		.5	.0	8917

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE OF
NCAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

• •

                                      CATEGORY A: ANY CEILING OR VISIBILITY (HOUR)

                                      CATEGORY B: HIGHEST WINDS REPORTED WITHIN

• •

TIME (LST)			0000 - 0200				0300 - 0500		
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930				930	
CATEGORY B	.2	.2		1261				1360	

• •

TIME (LST)			1200 - 1400				1500 - 1700		
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	C
CATEGORY A				930				930	
CATEGORY B	.3	.3		1160	.5			1094	

• •

TIME (LST)			0600 - 2000	
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4550
CATEGORY B	.3	.1		5114

P   G - 2 - 10

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON 　　　　PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT

• •

G OR VISIBILITY (HOURLY OBS ONLY)

NOS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

• •

0300 - 0500				0600 - 0800				0900 - 1100			
0	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930					930	.1			930
		1360					1413	.3			1342

• •

1500 - 1700				1800 - 2000				2100 - 2300			
20	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930					930				930
		1094		.2	.1		1105				1159

• •
• •

000		ALL HOURS				
25	OBS		GE15	GE20	GE25	OBS
	4552		.0			7440
	5114		.2	.1		9894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO JTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (H)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900
CATEGORY B	.6	.2	.1	1234	.3	.1	.1	1295

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			900				900
CATEGORY B	1.4	.5		1214	.5	.2	.1	1160

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.1			4500
CATEGORY B	.6	.2	.1	5191

A

G - 2 - 11

MAGNETIC RUNWAY HEADING: 160-340

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                             MONTH: NOV

....

ING OR VISIBILITY (HOURLY OBS ONLY)

WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
....

0300 - 0500			0600 - 0800				0900 - 1100			
E20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		900				900				900
.1	.1	1295		.1	.1	1340	.7	.3	.2	1314

....

1500 - 1700			1800 - 2000				2100 - 2300			
E20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		900				900	.1			900
.2	.1	1160	.3	.1	.1	1163	.3	.2		1225

....

0000		ALL	HOURS			
25	OBS		GE15	GE20	GE25	OBS
	4500		.1			7200
.1	6191		.5	.2	.1	9945

G - 2 - 11   6

OPERATING LOCATION "A"   PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC   FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

. . . .

                                  CATEGORY A: ANY CEILING OR VISIBILITY (HOU

                                  CATEGORY B: HIGHEST WINDS REPORTED WITHIN

. . . .

TIME (LST)	0000 - 0200				0300 - 0500				G
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930	.1			930	
CATEGORY B	.6	.2		1295	.8			1314	

. . . .

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			930	.1			930
CATEGORY B	1.0	.3	.1	1240	1.1	.2	.2	1216

. . . .

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		4650
CATEGORY B	.7	.2	.1	6291

A   G - 2 - 12

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC

G OR VISIBILITY (HOURLY OBS ONLY)

NDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

300 - 0500			0600 - 0800				0900 - 1100			
O	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930				930	.2			930
		1314	.2			1351	.4	.2	.2	1280

500 - 1700			1800 - 2000				2100 - 2300			
O	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930	.1	.1		930				930
2	.2	1216	.7	.2	.1	1204	.5	.3		1263

OO		ALL	HOURS			
25	OBS	GE15	GE20	GE25	OBS	
	4650		.1	.0	7440	
.1	6291	.6	.2	.1	10163	

G - 2 - 12   6

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
                          LST TO UTC: + 8

· ·

                                    CATEGORY A: ANY CEILING OR VISIBILITY (HO)

                                    CATEGORY B: HIGHEST WINDS REPORTED WITHIN

· ·

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0	.0		10959	.1	.0		10959
CATEGORY B	.3	.1	.0	13556	.2	.1	.0	14563

· ·

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0		10959	.3	.0		10957
CATEGORY B	1.9	.5	.1	13753	1.9	.5	.1	13300

· ·

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		54790
CATEGORY B	1.0	.3	.1	69536

A

G - 2 - 13

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

WASHINGTON   PERIOD OF RECORD: JUN 73 - MAY 88
                              MONTH: ALL
....

IS OR VISIBILITY (HOURLY OBS ONLY)

INDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
....

0300 - 0500			0600 - 0800				0900 - 1100			
20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
.0		10959	.0			10959	.1			10959
.1	.0	14568	.2	.1	.0	14971	.8	.3	.1	14458

....

1500 - 1700			1800 - 2000				2100 - 2300			
20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
.0		10957	.1	.0		10956	.0	.0	.0	10956
.5	.1	13300	.5	.1	.0	13054	.3	.1	.0	13127

....
....

000		ALL HOURS				
25	OBS	GE15	GE20	GE25	OBS	
	54790	.1	.0	.0	87664	
.1	69536	.7	.2	.1	110787	

G - 2 - 13   6

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PPPPPPPP        AAAAAA        RRRRRRRR      TTTTTTTTTT
PPPPPPPPP       AAAAAAAA      RRRRRRRRR     TTTTTTTTTT
PP      PP     AA      AA     RP      RP        TT
PP      PP     AA      AA     RR      RR        TT
PPPPPPPPP      AA      AA     RRRRRRRRR         TT
PPPPPPPP      AAAAAAAAAA      RRRRRRRR          TT
PP            AAAAAAAAAA      RR    RR          TT
PP            AA      AA      RR    RR          TT
PP            AA      AA      RR      RR        TT
PP            AA      AA      RR      RR        TT
```

H - 1 - 1

A

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RRRR       TTTTTTTTTT          HH       HH
RRRRR      TTTTTTTTTT          HH       HH
   RR          TT              HH       HH
   RR          TT              HH       HH
RRRRR          TT              HHHHHHHHHH
RRRR           TT              HHHHHHHHHH
   RR          TT              HH       HH
    RR         TT              HH       HH
     RR        TT              HH       HH
      RR       TT              HH       HH
```

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DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN
THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASE
POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS
CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATI
OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOT
CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A V
IN THESE TABLES. ASTERISKS (****) DENOTE AN INCO
CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT
MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE
FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE
THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT
TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPER
FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATUR
DEGREES. THAT DAY IS SAID TO HAVE 8 COOLING DEGRE

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATI
"BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICAL
COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE
TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION

H - 1 - 2

PART H

E DAY SUMMARIES

TIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE
OR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

RY ARE STATISTICS BASED ON A 30-YEAR (1951-1980)
-YEAR POR PROVIDES AWS USERS WITH A SUMMARY
ARD CLIMATIC PUBLICATIONS, NOTABLY THOSE
TA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL
AS DATA FOR DECEMBER 990 HAS BEEN PROCESSED.

TA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS
 (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT
D IN) AUTOMATICALLY.

 ASSIGNED TO REPRESENT EACH DEGREE THAT THE
N A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES*
F THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES,
HEATING DEGREE DAYS.

 ASSIGNED TO REPRESENT EACH DEGREE THAT THE
ESIGNATED "BASE TEMPERATURE" OF 65 DEGREES*
IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73
D HAVE 8 COOLING DEGREE DAYS.

N SELECTED AS THE NATIONWIDE STANDARD
 (AT LEAST THEORETICALLY) NO HEATING OR
OTHER BASE TEMPERATURE IS USED IN THESE
QUESTED BY THE STATION, AND IS NOTED.

STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LS. TO UTC: + 8

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL
1940							
1941	729	591	481	****	****	141	13
1942	839	657	654	410	315	194	28
1943	854	517	673	383	349	174	53
1944	754	673	674	455	315	173	50
1945	723	615	555	520	235	196	42
1946	759	****	635	475	215	199	52
1947	905	584	557	413	222	154	50
1948	826	713	633	555	337	104	88
1949	1124	743	605	445	243	192	96
1950	1196	673	681	532	359	144	51
1951	822	626	744	430	293	104	35
1952	851	698	662	458	306	210	52
1953	573	635	635	485	323	210	50
1954	852	586	701	518	305	247	124
1955	863	721	775	626	390	194	140
1956	909	838	740	477	270	242	83
1957	1011	719	636	419	213	129	96
1958	678	434	571	467	180	78	10
1959	753	673	554	466	330	154	62
1960	820	685	659	479	381	181	62
1961	690	584	618	529	352	112	44
1962	797	614	696	441	434	204	109
1963	881	522	700	511	345	224	124
1964	716	697	557	565	407	234	131
1965	792	659	678	500	403	165	60

A

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

WASHINGTON   PERIOD OF RECORD: AUG 40 - MAY 98

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		34	****	****	****	708	742
141	13	59	223	386	557	729	3914
194	23	36	138	371	647	678	4967
174	53	68	132	378	595	919	5211
173	50	69	132	313	601	860	5124
193	42	51	235	396	509	780	5057
173	52	63	177	488	724	757	4553
154	50	30	178	400	631	713	4898
104	83	100	235	459	667	899	5666
192	95	79	163	529	467	803	5495
144	51	40	181	436	595	574	5462
104	35	54	141	406	612	858	5135
210	52	71	142	314	704	719	5196
210	50	43	144	347	497	672	4631
247	124	106	167	439	478	749	5272
194	143	110	222	422	736	805	5390
242	83	95	234	466	686	752	5692
129	96	92	32	437	668	676	5178
73	10	27	191	384	643	534	4447
154	62	100	228	417	650	794	5352
131	62	125	244	406	671	829	5541
112	44	20	254	491	711	742	5147
204	109	103	165	365	574	717	5219
224	124	73	103	343	610	715	5251
234	131	143	282	445	679	906	5362
155	60	51	295	343	505	769	5236

Year								
1966	742	641	652	487	332	215	84	63
1967	690	617	706	571	325	34	49	25
1968	780	567	464	504	300	133	50	105
1969	934	699	593	452	217	74	80	92
1970	737	555	506	526	305	105	42	50
1973	802	577	562	435	254	144	52	155
1974	777	594	592	533	476	197	84	37
1975	791	663	705	603	330	212	60	128
1976	682	686	724	497	353	237	73	115
1977	870	544	707	433	419	121	112	5
1978	691	547	562	496	369	100	53	5
1979	995	684	598	483	286	150	57	41
1980	951	634	670	442	373	254	105	134
1981	677	596	556	487	353	237	110	2
1982	792	665	681	574	365	141	37	9
1983	653	537	530	485	287	217	143	7
1984	692	509	537	498	409	215	55	7
1985	346	725	711	515	353	147	9	4
1986	625	617	496	505	320	109	126	1
1987	787	568	548	429	211	103	54	4
1988	807	605	500	443	280			
MEAN	808	635	637	487	323	169	71	7
SD	124.35	58.76	71.82	51.34	57.52	50.43	34.55	34.4

****SPL 30YR SUMMATION (1951 -1980)

MEAN	802	634	555	493	334	170	74	9
SD	107.35	75.06	66.20	50.16	69.62	56.06	32.62	37.5

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215	84	63	137	435	569	633	5041
34	49	25	105	357	592	752	4384
133	50	105	197	482	519	857	5108
74	80	92	202	533	657	735	5318
105	42	50	215	432	581	753	4964
144	52	155	178	420	646	654	4379
197	84	37	66	375	509	664	4904
212	60	126	159	395	580	687	5318
237	73	116	155	406	595	715	5240
121	112	57	226	330	675	775	5328
100	53	51	201	379	769	934	5152
150	57	48	122	363	671	641	5093
254	105	134	195	385	510	570	5223
237	110	27	141	441	522	693	4345
141	37	55	229	467	747	817	5664
217	143	71	244	456	509	890	5037
215	56	70	153	487	626	814	5176
147	3	43	223	413	355	865	5722
109	126	18	220	360	595	777	4768
103	54	41	112	327	524	805	4509
							2735

....

159	71	72	181	410	519	754
50.43	34.55	34.46	52.60	53.23	82.74	86.00

JMMATION (1951 -1980)****

170	74	82	180	406	521	739
56.06	32.62	37.57	57.74	49.65	75.73	85.90

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STATION NUMBER: 742060   STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	A
1940								
1941				****	****	7	133	
1942						19	88	1
1943						3	40	
1944					2	14	53	
1945						5	60	
1946		****				5	47	
1947					10		20	
1948					1	35	23	
1949						4	32	
1950						29	39	
1951					2	37	60	
1952					3	1	52	
1953					5		31	
1954							5	
1955						13	11	
1956					16	3	55	
1957					2	4	6	
1958					14	54	131	
1959						3	74	
1960						3	77	
1961					1	29	58	
1962						3	52	
1963					17	11	1	
1964					3	1	9	
1965						3	55	

A

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

ASHINGTON   PERIOD OF RECORD: AUG 40 - MAY 88

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		49	****	****	****		49
7	133	52					132
19	88	115					222
3	40	17	13				78
14	53	24	21				114
5	60	40	1				106
5	47	35	3				90
	20	15	9				54
35	23	11	3				78
4	32	22	16				74
29	39	56	9				133
37	50	16	12				127
1	52	55	8				119
	31	23	9				74
	5	11	3				19
13	11	3	16				53
3	55	27	1				102
4	6	2	17				31
54	131	64	11				274
3	74	6					89
3	77	34					114
29	53	66	2				156
3	52	6	1				62
11	1	12	21	4			66
1	9	4					16
3	55	32					90

B

Year				
1966		4	12	2:
1967	2	20	23	10:
1968		10	77	2'
1969	13	56	13	1'
1970		50	63	3:
1973	12	29	63	1
1974		3	34	7
1975		8	42	
1976		2	13	
1977		7	11	11
1978		45	50	5
1979		6	75	1
1980			13	1
1981		1	24	12
1982		26	34	2
1983	15		5	
1984		2	34	2
1985		3	112	4
1986	10	12	3	10
1987	17	35	39	1
1988	5			

MEAN		3	13	43
SD		5.56	15.87	32.43	32.

****SPL 30YR SUMMATION (1951 -1980)

MEAN		3	14	41
SD		5.53	17.96	31.21	30.

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4	12	23			39
20	23	102	14		161
10	77	25	4		116
56	13	19	6		107
50	69	34			153

29	63	10	7		121
3	34	71	50		158
3	42	4	4		58

2	13	6	3		24
7	11	115	2		135
45	50	55	2		152
5	75	13	9		104
	13	10			23

1	24	127	23		175
25	34	21	8		89
	5	4			24
2	34	25	8	2	71
3	112	43			164

12	3	100	15		140
35	39	67	23	2	133
					6

13	43	36	7	0

15.37	32.43	32.31	9.50	.72

IMMATION (1951 -1980)****

14	41	30	7	0

17.96	31.21	30.03	10.30	.76

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          A W S         STATION NAME:  MCCHORD AFB WASHINGTON
                        LATITUDE/LONGITUDE:  47 08 N    122 29 W
     CLIMATIC BRIEF     HOURLY OBS POR:   JUN 78 - MAY 88
                        SUMMARY OF DAY POR: AUG 40-MAY 88
                        HOURS SUMMARIZED: 0000 - 2300    LST
        JUL 88          LST TO UTC: +08
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MONTH	JAN	FEB	MAR	APR	MAY	JUN
EXTRM MAX TEMP (F)	63	72	74	83	94	99
MEAN MAX TEMP (F)	44.3	49.1	52.2	57.4	54.0	69.0
MEAN TEMP (F)	38.5	42.1	44.1	48.4	54.4	59.5
MEAN MIN TEMP (F)	32.4	34.7	35.6	39.0	44.5	49.6
EXTRM MIN TEMP (F)	-6	-1	12	27	27	35
D/W TEMP GE 90 (F)	0	0	0	#	2	3
D/W TEMP GE 75 (F)	0	0	0	1	4	7
D/W TEMP LT 33 (F)	15	10	10	3	1	0
D/W TEMP LT 25 (F)	5	1	1	0	0	0
HEATING DEGREE DAYS	808	635	637	487	323	169
COOLING DEGREE DAYS					3	13
MEAN DEWPOINT TEMP (F)	32.4	35.1	35.4	38.0	42.8	47.6
MEAN WET BULB TEMP (F)	36.4	39.2	41.2	43.6	48.4	53.1
99.35% WCPA (FT)	1000	1050	1000	800	650	600
MEAN REL HUM 07 LST(%)	81.4	82.2	82.2	79.5	76.5	76.7
MEAN REL HUM 13 LST(%)	71.9	59.3	51.3	57.5	57.1	55.9
MAX 24HR PRECIP (IN)	2.52	2.75	2.28	1.73	1.36	1.71
MAX PRECIP (IN)	12.37	10.37	7.00	5.65	4.78	4.43
MEAN PRECIP (IN)	5.76	4.32	3.79	2.70	1.90	1.53
MIN PRECIP (IN)	.44	1.38	.52	.25	.13	.13
D/W PRECIP GE .01 (IN)	19	16	17	14	11	9
D/W PRECIP GT .50 (IN)	4	2	2	1	1	1
MAX 24HR SNFL (IN)	8.4	7.5	4.5	.3	#	0
MAX SNFL (IN)	30.0	9.3	3.7	.3	#	0
MEAN SNFL (IN)	4.4	1.4	.3	#	#	0
D/W SNFL GE .1 (IN)	3	1	1	#	0	0
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0
MAX DLY SNO DEPTH (IN)	18	7	6	0	0	0
MEAN SFC WND DIR (DEG)	$180	$180	$180	$130	$210	$210
MEAN WND SPD (KTS)	3.1	3.9	3.8	4.2	3.4	3.4
MAX WND SPD (KTS)	56	49	56	49	39	40
SKY COVER GT 1/2 (%)	80.0	80.2	72.0	71.1	69.0	63.9
D/W THUNDERSTORMS	1	1	1	1	1	1
D/W FOG (VSBY LT 7 MI)	19	16	13	10	7	6

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LEGEND: ANN = ANNUAL                              POR/YOR = PERIOD
        D/W = MEAN NUMBER OF DAYS WITH            WCPA = WORST
        & = BASED ON LESS THAN FULL MONTHS        # = LESS T
       ** = INSTANTANEOUS PEAK WINDS              $ = PERCEN
        * = DATA NOT AVAILABLE                           HI
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APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
83	84	99	100	99	96	87	72	65	100	49
57.4	54.0	69.0	74.8	74.3	69.2	50.0	50.4	45.6	59.2	49
49.4	54.4	59.5	63.3	63.6	58.8	51.4	43.9	40.1	50.7	49
39.0	44.5	49.6	52.6	52.5	48.2	42.5	37.1	34.3	41.9	49
27	27	35	39	38	31	20	2	-4	-6	49
4	2	3	8	7	3	1	0	0	24	49
1	4	7	15	14	7	1	0	0	49	49
3	1	0	0	0	#	2	8	12	61	49
0	0	0	0	0	0	#	1	3	11	49
487	323	169	71	72	181	410	619	754	5166	49
	3	13	43	36	7	#			102	49
38.0	42.8	47.6	51.6	51.9	48.6	43.1	37.1	32.9	41.5	10
43.5	48.4	53.1	56.5	57.0	53.0	47.0	40.5	36.7	46.1	10
800	650	600	500	550	700	800	1050	1050	350	10
78.3	76.5	76.7	79.7	80.9	82.7	83.0	83.0	81.1	80.3	10
57.5	57.1	56.8	57.3	55.4	59.1	65.0	72.4	73.4	63.1	10
1.78	1.36	1.71	1.32	1.51	1.67	3.05	3.49	2.37	3.49	49
5.65	4.78	4.43	2.60	5.43	5.12	8.05	11.53	10.55	51.24	49
2.70	1.90	1.63	.83	1.23	1.95	3.64	5.75	6.01	39.53	49
.25	.13	.13	#	#	#	.43	1.11	1.89	22.13	49
14	11	9	5	6	9	14	19	20	159	49
1	1	1	1	1	1	2	4	4	24	49
.3	#	0	0	0	0	1.2	9.4	6.9	9.4	42
.3	#	0	0	0	0	2.2	15.9	14.2	30.3	42
#	#	0	0	0	0	#	1.3	1.6	9.3	42
#	0	0	0	0	0	#	1	1	7	42
0	0	0	0	0	0	0	1	1	5	42
0	0	0	0	0	0	#	10	10	18	42
$180	$210	$210	$210	$210	$180	$180	$180	$180	$180	10
4.2	3.4	3.4	3.3	2.9	2.9	2.6	3.5	3.3	3.4	10
49	39	40	34	35	44	76	48	48	76	41
71.1	69.0	63.9	53.0	43.2	58.0	65.3	78.0	78.4	68.3	10
1	1	1	1	1	1	1	1	1	12	39
10	7	6	7	11	17	20	19	20	165	39

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN
WIND DIRECTION

	MONTH	JAN	FEB	MAR	APR	MAY	JUN
	LST			**PERCENT OCCURRENCE FREQUEN**			
	00 - 02	38.0	25.2	14.4	10.0	8.1	13.6
	03 - 05	38.4	27.8	23.4	15.3	13.5	20.2
CIG	06 - 08	36.3	32.7	25.7	18.4	20.6	22.5
LT 3000 FT	09 - 11	33.4	28.4	22.8	19.2	23.0	21.5
AND/OR	12 - 14	27.6	20.5	15.4	14.1	11.8	10.0
VSBY	15 - 17	21.3	17.6	11.5	10.3	8.2	6.2
LT 3 MI	18 - 20	23.3	15.1	11.0	8.6	5.9	4.6
	21 - 23	32.2	20.1	10.4	8.3	5.3	4.3
	ALL	31.4	23.4	16.9	13.2	12.9	12.5
	00 - 02	29.6	15.5	6.1	2.6	1.6	3.0
	03 - 05	29.0	17.8	12.5	6.0	5.4	5.3
CIG	06 - 08	28.3	21.9	14.5	9.6	7.5	7.2
LT 1500 FT	09 - 11	26.3	19.4	10.5	6.6	4.3	4.6
AND/OR	12 - 14	19.4	9.4	4.3	2.8	1.2	2.4
VSBY	15 - 17	13.3	6.1	3.3	1.7	1.4	.9
LT 3 MI	18 - 20	16.3	7.3	2.2	.8	1.8	1.6
	21 - 23	24.5	10.4	3.1	1.0	1.2	1.3
	ALL	23.3	13.5	7.1	3.9	3.1	3.3
	00 - 02	25.8	12.8	4.5	1.4	.5	1.6
	03 - 05	23.9	15.7	8.3	3.7	3.3	3.3
CIG	06 - 08	23.3	18.8	11.2	6.3	5.5	3.3
LT 1000 FT	09 - 11	21.6	15.1	5.9	3.7	2.3	1.6
AND/OR	12 - 14	15.1	6.1	1.0	.4	.5	1.0
VSBY	15 - 17	8.7	3.5	1.4	.2	.4	.8
LT 2 MI	18 - 20	12.9	4.8	1.1	.0	.5	1.0
	21 - 23	20.4	7.5	1.7	.4	.2	1.0
	ALL	19.1	10.6	4.4	2.0	1.7	1.7
	00 - 02	13.1	4.5	.9	.4	.0	.0
	03 - 05	13.2	7.9	2.5	1.1	.5	.2
CIG	06 - 08	12.3	8.5	4.8	1.5	.3	.0
LT 200 FT	09 - 11	8.9	4.6	1.5	.0	.0	.0
AND/OR	12 - 14	2.4	.2	.0	.0	.0	.0
VSBY	15 - 17	1.5	.2	.0	.0	.0	.0
LT 1/2 MI	18 - 20	4.4	1.3	.0	.0	.0	.0
	21 - 23	7.2	2.8	.0	.0	.0	.0
	ALL	7.9	3.8	1.2	.4	.2	.0

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

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R	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
.0	3.1	10.6	11.5	11.0	14.8	26.9	32.3	33.3	19.7	10
.3	13.5	20.2	23.0	22.6	23.4	37.0	33.1	36.0	26.5	10
.4	20.6	22.5	31.8	31.2	31.9	42.5	30.9	34.0	30.0	10
.2	23.0	21.6	23.7	24.6	23.9	33.3	21.8	31.6	26.5	10
.1	11.8	10.0	11.1	11.5	12.6	15.9	20.6	27.5	16.6	10
.3	3.2	5.2	3.8	2.9	7.1	8.3	16.9	23.2	11.5	10
.5	5.9	4.6	3.9	3.1	8.1	10.8	20.8	25.2	11.8	10
.3	5.9	4.3	7.0	4.9	8.9	18.0	24.0	29.8	14.5	10
.2	12.9	12.5	15.2	14.0	16.3	24.3	25.8	30.1	19.7	10
.5	1.6	3.0	4.1	4.0	7.7	19.4	25.3	24.9	12.0	10
.0	5.4	5.3	11.5	12.0	15.2	29.0	26.7	26.1	16.4	10
1.6	7.5	7.2	19.5	19.9	21.4	36.0	22.6	24.1	19.4	10
.5	4.3	4.6	7.5	10.9	12.3	25.1	19.0	21.1	14.2	10
.9	1.2	2.4	1.0	1.7	3.0	9.1	12.1	17.4	7.0	10
.7	1.4	.9	.8	.6	1.3	3.9	8.9	14.2	4.7	10
.8	1.8	1.5	.6	.5	2.0	5.3	12.4	17.0	5.6	10
.0	1.2	1.3	1.5	1.0	3.0	10.9	16.6	22.0	3.0	10
3.9	3.1	3.3	5.1	5.3	8.2	17.3	17.9	20.9	10.9	10
.4	.5	1.5	.8	2.2	5.9	14.9	19.0	22.4	9.3	10
3.7	3.3	3.3	7.1	9.2	11.4	24.8	21.0	21.0	12.7	10
3.3	5.5	3.3	12.4	15.2	17.1	30.4	18.7	19.1	15.1	10
3.7	2.3	1.6	3.2	6.5	8.1	20.9	14.7	16.1	10.0	10
.4	.5	1.0	.1	.5	1.6	5.5	8.3	13.9	4.5	10
.2	.4	.9	.5	.3	.8	1.5	6.2	11.4	3.1	10
.0	.5	1.0	.4	.1	1.0	3.1	9.1	13.3	3.9	10
.4	.2	1.0	.2	.6	1.6	7.7	12.9	19.7	6.2	10
2.0	1.7	1.7	3.1	4.3	5.9	13.6	13.7	17.1	8.1	10
.4	.0	.0	.0	.1	1.3	7.5	7.6	10.5	3.8	10
1.1	.5	.2	.5	.9	3.8	14.7	9.3	9.8	5.4	10
1.5	.8	.0	.6	2.0	6.6	17.8	9.1	10.9	6.2	10
.0	.0	.0	.0	.1	.3	6.1	5.6	3.1	2.9	10
.0	.0	.0	.0	.0	.0	.0	.8	3.5	.6	10
.0	.0	.0	.0	.0	.0	.0	.8	1.9	.4	10
.0	.0	.0	.0	.0	.0	.4	2.7	5.1	1.2	10
.0	.0	.0	.0	.0	.6	2.3	5.8	9.1	2.4	10
.4	.2	.0	.1	.4	1.6	6.2	5.2	7.5	2.9	10

TOO 1965 - 1996:   NONE

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            AAAAAAAAA     000000000      000000003     KK
            AAAAAAAAAAA   DDDDDDDDDD     DDDDDDDDDD    KK        KK
        AA       AA  OO        OO   OO        OO   KK       KK
     AA        AA  OO        OO  OO        OO  KK      KK
     AA        AA  OO        OO  OO        OO  KK     KK
     AAAAAAAAAAAA  OO        OO  OO        OO  KKKKKK       L
     AAAAAAAAAAAA  OO        OO  OO        OO  KKKKKK      LL
   AA        AA  OO        OO  OO        OO  KK       KK    LL
   AA        AA  OO        OO  OO        OO  KK       KK   LL
  AA        AA  OO        OO  OO        OO  KK       KK  LL
   AA        AA  OOOOOOOOO     DOOOOOOOO    KK       KK  LLLLLL
   AA        AA  OOOOOOOO     000000000   KK       KK LLLLLLL


       JJJJJJJJJJ  77777777777    00000000    777777777777
       JJJJJJJJJJ  77777777777   0000000000   777777777
          JJ     77      77   00        0000  77        77
          JJ            77    00       00 00        77
          JJ           77     00    00  00        77
          JJ           77     00      00  00       77
          JJ           77     00  00    00        77
          JJ           77     00 00     00        77
   JJ     JJ           77     0000      00        77
   JJ     JJ           77     000       00        77
   JJJJJJJ            77     0000000000          77
    JJJJJJ            77      00000000           77


  *A   END   JOB  707 ADOKLKJ  2        001 001 LOCAL     K.LYNN                R3
  *A   END   JOB  707 ADOKLKU  2        001 001 LOCAL     K.LYNN                R3
  *A   END   JOB  707 ADOKLKU  2        001 001 LOCAL     K.LYNN                R3
  *A   END   JOB  707 ADOKLKU  2        001 001 LOCAL     K.LYNN                R3
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A

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CCCCCCC     KK        KK  LL                 KK          KK  UU           UU
CCCCCCC    KK       KK   LL                 KK         KK  UU          UU
     CC   KK      KK    LL                 KK         KK  UU          UU
     CC  KK     KK     LL                  KK        KK  UU          UU
     CC  KK    KK    LL                    KK     KK   UU          UU
     CC  KKKKKKK           LL              KKKKKKK       UU          UU
     CC  KKKKKKK           LL              KKKKKKK       UU          UU
     CC  KK    KK      LL                  KK        KK  UU          UU
     CC  KK     KK     LL                  KK       KK   UU          UU
        KK      KK   LL                   KK       KK  UU          UU
     KK       KK  LLLLLLLLLLLL  KK          KK  UUUUUUUUUUUUU
     KK       KK  LLLLLLLLLLLL  KK          KK  UUUUUUUUUU


OO     777777777777                               AAAAAAAAAA
OOO    7777777777                                 AAAAAAAAAAAA
OOOO   77        77                               AA          AA
OO OO          77                                 AA          AA
   OO          77                                 AA          AA
   OO          77                                 AAAAAAAAAAAA
   OO          77                                 AAAAAAAAAAAAA
   OO          77                                 AA          AA
   OO          77                                 AA          AA
   OO          77                                 AA          AA
  OOO          77                                 AA          AA
  OO           77                                 AA          AA


LYNN                  ROOM          1.12.19 PM 27 NOV 89 PRT1        IP01    END   A*
LYNN                  ROOM          1.12.19 PM 27 NOV 89 PRT1        IP01    END   A*
LYNN                  ROOM          1.12.19 PM 27 NOV 89 PRT1        IP01    END   A*
LYNN                  ROOM          1.12.19 PM 27 NOV 89 PRT1        IP01    END   A*
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